## WINTERS HOLIDAYS HOMEWORK
## SESSION 2022-23
## CLASS- XII

**Dear Students**

*Learning is the beginning of wealth.*
*Learning is the beginning of health.*
*Learning is the beginning of spirituality.*
*Searching and learning is where the miracle process all begins.*
*…………………Jim Rohn*

Holiday is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. This winter vacation the Holiday Homework so designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn"

The activity based assignments will foster curiosity, develop creativity , enhance knowledge and instil the joy of learning among you all. They will certainly help you discover a new you who is more enriched and confident and performs every action to perfection.

As it is well recognized that Orleans-The School not only focuses on academics but lay equal importance on Co-scholastic Competencies .The school also desires you to adhere to the following guidelines for a fulfilling break:

### REMEMBER

- Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
- Complete and submit the holiday homework according to the dates given. Note down these dates carefully as late submission after these dates is not acceptable and you will be losing the marks/grades for the same if you miss the date.
- Holiday homework will be assessed on certain parameters and marks/grade will be awarded accordingly.
- Make sure that all syllabus done till May must be revised thoroughly in the last two weeks of June as it will help you to retain and adjust after the long break.

### BE A WONDERFUL HUMAN BEING:KEEP IN MIND TO

- Follow a schedule during holidays. Be a good time manager .
- Read newspapers daily and stay updated with current affairs.
- Do the homework independently, only ask for assistance from your parents or guardians
- Give time to pursue your hobby.
- Appreciate nature and go for "Nature Walks", plant trees and spread the message of Nature Conservation"

- Remember to have a wide mouth container filled with water outside your house for the birds to get respite from the scorching heat.
- Pray to almighty daily and thank for the blissful life that you enjoy.
- Be a helping hand to your parents and learn the skill of shared responsibility.
- Do the work by following the guidelines given with each work or activity
- Always wish and welcome the guests with a smile.
- Spend time with your parents and grandparents ,their rich experience will help you overcome challenges with ease.
- Minimise the use of gadgets
- Keep the home clean and mess free.
- After eating, keep the plate in your kitchen and rather love washing it yourself.
- Water the plants and rejoice the beauty of nature.

## HEALTHY LIFESTYLE BE YOUR PRIORITY

- Give prime importance to your health. Eat lots of fruits, do exercise and get into yoga
- Pledge for "Eat Right -Less Sugar, Less Oil and Less Salt"

- Wash hands frequently, especially before and after meal.
- Avoid sharing of towel, handkerchief, brush with others.
- Trim of nails and hair regularly.
- Follow the guidelines of Corona to avoid the repucurtions

## REQUEST TO PARENTS

Winter vacation time is an opportunity to spend the quality time with your child and make him/her feel special of his unique identity..

**So just spare sometime and do the following:**

- As parents and teachers, we understand the importance of developing the habit of eating healthy food. This is the best time when children can enjoy the healthy food with the family. As you are aware that our students enjoy the **FRUIT break** in the beginning of the  day on daily basis in the school, during holidays also we  want them to follow the same habit at home.
- Let your child watch some entertaining educational TV shows such as discovery kids, animal planet and make the learning interesting.
- Engage them to learn music/dance/theatre/ any other dance form to bring them close India's Art & Culture.
- Talk about omni presence of **God** and humility being developed with regular prayers and doing good deeds as to offer best prayer to the God. Take them some religious places.
- Let them feed the poor and share things with needy people with love, let them enjoy the **Art of Giving**.
- Visit at least one out of these "Orphanage, Old age home, Blind home" etc. Such activities will help the child to grow with love and humility.

- Watch some good movies with your ward on love, compassion, humanity, kindness, forgiveness etc.
- Talk about the importance of parents and elders. Have at least 4-5 meals together.
  **Remember**

    *"Every action is important and every deed is vital....."*

**Wishing all the students a joyful learning and Happy Holidays**

**Kind attention please**
- **The school will reopen on 16.01.2023 i.e. Monday.**
- **The school office will remain OPEN during the winter vacation on all working days.**
- **Clear all kind of your dues (if any) at the earliest to avoid late fine and further inconvenience.**

**Dates for submission of Holiday homework**
>        17.01.2023

## SUBJECT- ENGLISH
**Write the article on the following topics using correct format**

- Global Warming.
- Environmental Pollution.
- Corruption.
- Impact of Internet.
- Women Empowerment.
- Education and Movies.
- Value of Games in Education.
- Yoga and Mind Healing.

### Formal Letter
You are Hemant/Himakshi. Write a letter to the Editor of The Herald, New Delhi expressing your anguish over the problems faced by people due to illicit liquor and the deadly chemicals like anthrax.

You have noticed many stray animals on the road during the busy hours of the day. These animals have caused traffic jam as well as accidents. You have already written to the concerned authorities but no action has been taken so far. So write a letter to the Editor of a leading newspaper telling him about the nuisance created by the stray animals. Sign your name as PreetilKrishnan, C/5, Assam.

Prepare an application for the position of accountant at Amazon, Hyderabad in response to their advertisement in The Times of India on 21st July 2022. Your name is Priya Bhardwaj. ... Read more at: https://www.adda247.com/school/job-application/

# SUBJECT- MATHS

| | SECTION A | |
|---|---|---|
| | **Q1 - Q10 are multiple choice type questions. Select the correct option** | |
| 1 | If A is any square matrix of order $3 \times 3$ such that $|A| = 3$, then the value of $|adjA|$ is ?<br>(a) 3    (b) $\frac{1}{3}$  (c)  9    (d)  27 | 1 |
| 2 | Suppose P and Q are two different matrices of order $3 \times n$ and $n \times p$ , then the order of the matrix $P \times Q$ is?<br>(a)    $3 \times p$    (b)  $p \times 3$  (c)  $n \times n$  (d)  $3 \times 3$ | 1 |
| 3 | If   $(2\hat{\imath} + 6\hat{\jmath} + 27\hat{k}) \times (\hat{\imath} + p\hat{\jmath} + q\hat{k}) = \vec{0}$,then the values of p and q are ?<br>(a) p= 6 ,q=27 (b)p=3,q=$\frac{27}{2}$ (c) p=6,q= $\frac{27}{2}$ (d) p=3 ,q=27 | 1 |
| 4 | If A and B are two events such that P(A)=0.2 , P(B)=0.4 and P(A U B)=0.5 , then value of P(A/B) is  ?<br>(a)0.1    (b)0.25  (c)0.5     (d) 0.08 | 1 |
| 5 | The point which does not lie in the half plane<br>$2x + 3y - 12 \le 0$ is<br>(a)  (1,2)   (b) (2,1)         (c) (2,3)       (d)$(-3, 2)$ | 1 |

| 7 | An urn contains 6 balls of which two are red and four are black. Two balls are drawn at random. Probability that they are of the different colours is<br><br>(a) $\frac{2}{5}$ (b) $\frac{1}{15}$ (c) $\frac{8}{15}$ (d) $\frac{4}{15}$ | 1 |
|---|---|---|
| 8 | $\int \dfrac{dx}{\sqrt{9-25x^2}}$<br><br>(a) $\sin^{-1}\left(\frac{5x}{3}\right)+c$ (b) $\frac{1}{5}\sin^{-1}\left(\frac{5x}{3}\right)+c$<br>(c) $\frac{1}{6}\log\left(\frac{3+5x}{3-5x}\right)+c$ (d) $\frac{1}{30}\log\left(\frac{3+5x}{3-5x}\right)+c$ | 1 |
| 9 | What is the distance(in units) between the two planes<br>$3x+5y+7z=3$ and $9x+15y+21z=9$ ?<br>(a) $0$ (b) $3$ (c) $\frac{6}{\sqrt{83}}$ (d) $6$ | 1 |
| 10 | The equation of the line in vector form passing through the point$(-1,3,5)$ and parallel to line $\frac{x-3}{2}=\frac{y-4}{3}, z=2$. is<br>(a) $\vec{r}=(-\hat{\imath}+3\hat{\jmath}+5\hat{k})+\lambda(2\hat{\imath}+3\hat{\jmath}+\hat{k})$.<br>(b) $\vec{r}=(-\hat{\imath}+3\hat{\jmath}+5\hat{k})+\lambda(2\hat{\imath}+3\hat{\jmath})$<br>(c) $\vec{r}=(2\hat{\imath}+3\hat{\jmath}-2\hat{k})+\lambda(-\hat{\imath}+3\hat{\jmath}+5\hat{k})$<br>(d) $\vec{r}=(2\hat{\imath}+3\hat{\jmath})+\lambda(-\hat{\imath}+3\hat{\jmath}+5\hat{k})$ | 1 |

**(Q11 - Q15) Fill in the blanks**

| 11 | If f be the greatest integer function defined as $f(x)=[x]$ and g be the modulus function defined as $g(x)=|x|$ , then the value of g of $\left(-\frac{5}{4}\right)$ is_ _____ | 1 |
|---|---|---|
| 12 | If the function$f(x)=\begin{cases}\dfrac{x^2-1}{x-1} & \text{when} & x\neq 1\\ k & \text{when} & x=1\end{cases}$ is given to be continuous at $x=1$, then the value of $k$ is ___ | 1 |
| 13 | If $\begin{bmatrix}1 & 2\\ 2 & 1\end{bmatrix}\begin{bmatrix}x\\ y\end{bmatrix}=\begin{bmatrix}5\\ 4\end{bmatrix}$ , then value of y is_____. | 1 |
| 14 | If tangent to the curve $y^2+3x-7=0$ at the point $(h,k)$ is parallel to line $x-y=4$, then value of k is_____? | 1 |
| | **OR** | |
| | For the curve $y=5x-2x^3$ ,if $x$ increases at the rate of 2units/sec, then at $x=3$the slope of the curve is changing at_____ | |
| 15 | The magnitude of projection of $(2\hat{\imath}-\hat{\jmath}+\hat{k})$ on $(\hat{\imath}-2\hat{\jmath}+2\hat{k})$is_____ | 1 |
| | **OR** | |
| | Vector of magnitude 5 units and in the direction opposite to $2\hat{\imath}+3\hat{\jmath}-6\hat{k}$ is_____ | |

**(Q16 - Q20) Answer the following questions**

| 16 | Check whether $(l+m+n)$ is a factor of the<br>determinant$\begin{vmatrix}l+m & m+n & n+l\\ n & l & m\\ 2 & 2 & 2\end{vmatrix}$or not. Give reason. | 1 |
|---|---|---|
| 17 | Evaluate<br>$\int_{-2}^{2}(x^3+1)dx$. | 1 |
| 18 | Find $\int\dfrac{3+3\cos x}{x+\sin x}dx$. | 1 |

**3**

| | | |
|---|---|---|
| | **OR** | |
| | Find $\int (cos^2 2x - sin^2 2x)dx$ | |
| 19 | Find $\int xe^{(1+x^2)}dx$. | 1 |
| 20 | Write the general solution of differential equation $\frac{dy}{dx} = e^{x+y}$ | 1 |
| | **SECTION – B** | |
| 21 | Express $\sin^{-1}(\frac{\sin x + \cos x}{\sqrt{2}})$ ;where$-\frac{\Box}{4} < x < \frac{\Box}{4}$ , in the simplest form. | 2 |
| | **OR** | |
| | Let R be the relation in the set Z of integers given by R = {(a, b) : 2 divides a – b}.Show that the relation R transitive? Write the equivalence class [0]. | |
| 22 | If $= ae^{2x} + be^{-x}$ , then show that $\frac{d^2 y}{dx^2} - \frac{dy}{dx} - 2y = 0$. | 2 |
| 23 | A particle moves along the curve $x^2 = 2y$ . At what point, ordinateincreases at the same rate as abscissa increases? | 2 |
| 24 | For three non-zero vectors$\vec{a}$$\vec{b}$and $\vec{c}$ , prove that $[\vec{a} - \vec{b} \ \ \vec{b} - \vec{c} \ \ \vec{c} - \vec{a}] = 0$ . | 2 |
| | **OR** | |
| | If $\vec{a} + \vec{b} + \vec{c} = 0 \ and \ |\vec{a}| = 3, |\vec{b}| = 5, |\vec{c}| = 7$ , then find the value of $\vec{a} \cdot \vec{b} + \vec{b}\vec{c} + \vec{c} \cdot \vec{a}$ . | |
| 25 | Find the acute angle between the lines$\frac{x-4}{3} = \frac{y+3}{4} = \frac{z+1}{5}$and$\frac{x-1}{4} = \frac{y+1}{-3} = \frac{z+10}{5}$ | 2 |
| 26 | A speaks truth in 80% cases and B speaks truth in 90%cases. In what percentage of cases are they likely to agree with each other in stating the same fact? | 2 |
| | **SECTION – C** | |
| 27 | Let $f: A \rightarrow B$ be a function defined as $f(x) = \frac{2x+3}{x-3}$ where$A = R - \{3\}$and $B = R - \{2\}$. Is the function f one –one and onto? Is f invertible? If yes, then find its inverse. | 4 |
| 28 | If $\sqrt{1-x^2} + \sqrt{1-y^2} = a(x-y)$ , then prove that $\frac{dy}{dx} = \frac{\sqrt{1-y^2}}{\sqrt{1-x^2}}$ | 4 |
| | **OR** | |
| | If $x = a(\cos 2\theta + 2\theta \sin 2\theta)$ and $y = a(\sin 2\theta - 2\theta \cos 2\theta)$ , find$\frac{d^2 y}{dx^2}$at $\theta = \frac{\Box}{8}$. | |
| 29 | Solve the differential equation $x \ dy - y \ dx = \sqrt{x^2 + y^2} \ dx$ . | 4 |

| 30 | Evaluate $\int_1^3 |x^2 - 2x| dx$. | 4 |
|---|---|---|
| 31 | Two numbers are selected at random (without replacement) from first 7 natural numbers. If X denotes the smaller of the two numbers obtained, find the probability distribution of X. Also, find mean of the distribution. | 4 |
| | **OR** | |
| | There are three coins, one is a two headed coin (having head on both the faces), another is a biased coin that comes up heads 75% of the time and the third is an unbiased coin. One of the three coins is chosen at random and tossed. If It shows head. What is probability that it was the two headed coin ? | |
| 32 | Two tailors A and B earn ₹150 and ₹200 per day respectively. A can stitch 6 shirts and 4 pants per day, while B can stitch 10 shirts and 4 pants per day. Form a L.P.P to minimize the labour cost to produce (stitch) at least 60 shirts and 32 pants and solve it graphically. | 4 |
| | **SECTION D** | |
| 33 | Using the properties of determinants, prove that $$\begin{vmatrix} (y+z)^2 & x^2 & x^2 \\ y^2 & (z+x)^2 & y^2 \\ z^2 & z^2 & (x+y)^2 \end{vmatrix} = 2xyz(x+y+z)^3 .$$ | 6 |
| | **OR** | |
| | If $A = \begin{bmatrix} 2 & 3 & 4 \\ 1 & -1 & 0 \\ 0 & 1 & 2 \end{bmatrix}$, find $A^{-1}$. Hence, solve the system of equations $$x - y = 3 \; ; 2x + 3y + 4z = 17; \\ y + 2z = 7$$ | |
| 34 | Using integration, find the area of the region $\{(x, y) : x^2 + y^2 \le 1 , \; x + y \ge 1, \; x \ge 0, \; y \ge 0 \}$ | 6 |
| 35 | A given quantity of metal is to be cast into a solid half circular cylinder with a rectangular base and semi-circular ends. Show that in order that total surface area is minimum, the ratio of length of cylinder to the diameter of semi-circular ends is $\pi : \pi + 2$. | 6 |
| | **OR** | |
| | Show that the triangle of maximum area that can be inscribed in a given circle is an equilateral triangle. | |
| 36 | Find the equation of a plane passing through the points $A(2,1,2)$ and $B(4,-2,1)$ and perpendicular to plane $\vec{r}. (\hat{i} - 2\hat{k}) = 5$. Also, find the coordinates of the point, where the line passing through the points $(3,4,1)$ and $(5,1,6)$ crosses the plane thus obtained. | 6 |

# SUBJECT- ACCOUNTANCY

# PART A

# (Accounting for Partnership Firms and Companies)

| S.No. | Question | Marks |
|-------|----------|-------|
| | **Part A :- Accounting for Partnership Firms and Companies** | |
| **1.** | Navya and Radhey were partners sharing profits and losses in the ratio of 3: 1. Shreya was admitted for 1/5th share in the profits. Shreya was unable to bring her share of goodwill premium in cash. The journal entry recorded for goodwill premium is given below:<br><br><br><br><br>The new profit-sharing ratio of Navya, Radhey and Shreya will be:a)    41: 7: 12<br>    b)    13:12: 10<br>    c)    3:1: 1<br>    d)    5:3: 2 | 1 |

| 2. | Assertion (A):- Commission provided to partner is shown in Profit and Loss A/c. Reason (R):- Commission provided to partner is charge against profits and is tobe provided at fixed rate.<br>    a) (A) is correct but (R) is wrong<br>    b) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)<br>    c) Both (A) and (R) are incorrect.<br>    d) Both (A) and (R) are correct, and (R) is the correct explanation of (A) | 1 |
|---|---|---|
| 3. | A share of ₹ 10 each, issued at ₹ 4 premium out of which ₹ 7 (including ₹ 1premium) was called up and paid up. The uncalled Capital will be_____.<br><table><tr><td>a) ₹ 7 per share</td><td>b) ₹ 4 per share</td></tr><tr><td>c) ₹ 8 per share</td><td>d) ₹ 3 per share</td></tr></table>OR<br>While issuing_____type of Debentures, company doesn't give any undertaking for the repayment of money borrowed by issuing such debentures.<br><table><tr><td>a) Zero Coupon Rate Debentures</td><td>b) Non-Convertible Debentures</td></tr><tr><td>c) Secured Debentures</td><td>d) Non-Redeemable Debentures</td></tr></table> | 1 |
| 4. | Samiksha, Arshiya and Divya were partners in a firm sharing profits and lossesin the ratio of 5: 3: 2. With effect from 1st April 2022, they agreed to share future profits and losses in the ratio of 2: 5: 3. Their Balance Sheet showed a debit balance of ₹ 50,000 in the Profit and Loss Account and a balance of ₹ 40,000 in the Investment Fluctuation Fund. The market value of an investment is ₹30,000 against the book value of ₹50,000. Partners have decided, not to show revised valued in the balance sheet and to pass an adjusting entry for it.<br>Which of the following is the correct treatment of the above?<br><table><tr><td>a)</td><td>Samiksha's Capital A/c.    Dr.</td><td>9,000</td><td></td></tr><tr><td></td><td>To Arshiya's Capital A/c.</td><td></td><td>6,000</td></tr><tr><td></td><td>To Divya's Capital A/c</td><td></td><td>3,000</td></tr><tr><td>b)</td><td>Arshiya's Capital A/c.    Dr.</td><td>5,000</td><td></td></tr><tr><td></td><td>To Samiksha's Capital A/c.</td><td></td><td>2,000</td></tr><tr><td></td><td>To Divya's Capital A/c.</td><td></td><td>3,000</td></tr><tr><td>c)</td><td>Arshiya's Capital A/c.    Dr.</td><td>2,000</td><td></td></tr><tr><td></td><td>Divya's Capital A/c.    Dr.</td><td>1,000</td><td></td></tr><tr><td></td><td>To Samiksha's Capital A/c</td><td></td><td>3,000</td></tr><tr><td>d)</td><td>Arshiya's Capital A/c.    Dr.</td><td>6,000</td><td></td></tr><tr><td></td><td>Divya's Capital A/c.    Dr.</td><td>3,000</td><td></td></tr><tr><td></td><td>To Samiksha's Capital A/c</td><td></td><td>9,000</td></tr></table><br>**Or**<br><br>Sohan and Mohan are partners sharing profits and losses in the ratio of 2:3 with the capitals of ₹ 5,00,000 and ₹ 6,00,000 respectively. On 1st January 2022, Sohan and Mohan granted loans of ₹ 20,000 and ₹ 10,000 respectively to | 1 |

the firm. Determine the amount of loss to be borne by each partner for the year ended 31st March 2022 if the loss before interest for the year amounted to ₹ 2,500.
   a) Share of Loss Sohan –₹ 1,250 Mohan – ₹ 1,250
   b) Share of Loss Sohan –₹ 1,000 Mohan – ₹ 1,500
   c) Share of Loss Sohan –₹ 820 Mohan – ₹ 1,230
   d) Share of Loss Sohan –₹ 1,180 Mohan – ₹ 1,770

| 5. | Vihaan and Mann are partners sharing profits and losses in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31st March 2022 is ₹ 4,00,000 and ₹ 4,65,000 for Vihaan and Mann respectively. Drawings during the year were ₹ 65,000 each. As per the partnership Deed, Interest on capital @ 10% p.a. on Opening Capital has been allowed to them. Calculate the opening capital of Vihaan given that the divisible profits during the year 2021-22 was ₹ 2,25,000.<br>   a) ₹ 3,30,000<br>   b) ₹ 4,40,000<br>   c) ₹ 4,00,000<br>   d) ₹ 3,00,000 | 1 |
|---|---|---|

| 6. | Savitri Ltd. issued 50,000, 8% Debentures of ₹ 100 each at certain rate of premium and to be redeemed at 10% premium. At the time of writing off Loss on Issue of Debentures, Statement of Profit and Loss was debited with ₹ 2,00,000. At what rate of premium, these debentures were issued? | 1 |
|---|---|---|

| a) 10% | b) 16% |
|---|---|
| c) 6% | d) 4% |

**Or**

Durga Ltd. issued 80,000, 10% Debentures of ₹ 100 each at certain rate of discount and were to be redeemed at 20% premium. Existing balance of Securities Premium before issuing of these debentures was ₹ 25,00,000 and after writing off Loss on Issue of Debentures, the balance in Securities Premium was ₹ 5,00,000. At what rate of discount, these debentures were issued?

| a) 10% | b) 5% |
|---|---|
| c) 25% | d) 15% |

| 7. | Attire Ltd, issued a prospectus inviting applications for 12,000 shares of ₹10 each payable ₹3 on application, ₹ 5 on allotment and balance on call. Publichad applied for certain number of shares and application money was received. Which of the following application money, if received restricts the company to proceed with the allotment of shares, as per SEBI guidelines? | 1 |
|---|---|---|

| a) ₹ 36,000 | b) ₹ 45,000 |
|---|---|
| c) ₹ 30,000 | d) ₹ 32,400 |

| 8. | Amay, Bina and Chander are partners in a firm with capital balances of ₹<br>50,000, ₹ 70,000 and ₹ 80,000 respectively on 31st March, 2022. Amay decides | 1 |
|---|---|---|

to retire from the firm on 31st March, 2022. With the help of the information provided, calculate the amount to be paid to Amay on his retirement. There existed a general reserve of ₹ 7,500 in the balance sheet on that date.

The goodwill of the firm was valued at ₹ 30,000.Gain on revaluation was ₹24,000.

| | |
|---|---|
| a) ₹ 88,500 | b) ₹ 90,500 |
| c) ₹ 65,375 | d) ₹ 70,500 |

**Or**

A, B and C are partners. A's capital is ₹ 3,00,000 and B's capital is ₹1,00,000. C has not invested any amount as capital but he alone manages the whole business. C wants 30,000 p.a. as salary, though the deed is silent. Firm earned a profit of ₹1,50,000. How much will each partner receives as an appropriation of profits?

a) A ₹ 60,000; B ₹ 60,000; C ₹ 30,000
b) A ₹ 90,000; B ₹ 30,000; C ₹ 30,000
c) A ₹ 40,000; B ₹ 40,000 and C ₹ 70,000
d) A ₹ 50,000; B ₹ 50,000 and C ₹ 50,000

**Read the following hypothetical situation, Answer Question No. 9 and 10**

Puneet and Raju are partners in a clay toys making firm. Their capitals were ₹ 5,00,000 and ₹ 10,00,000 respectively. The firm allowed Puneet to get a commission of 10% on the net profit before charging any commission and Raju to get a commission of 10% on the net profit after charging all commission. Following is the Profit and Loss Appropriation Account for the year ended 31st March 2022.

Dr.        Profit and Loss Appropriation Account for the year ended 31st March 2022        Cr.

| Particulars | Amount (₹) | Particulars | Amount (₹) |
|---|---|---|---|
| To Puneet's Capital A/c(Commission) ( ----- x10/100) | 44,000 | By Profit and Loss a/c | …………… |
| To Raju's Capital A/c (Commission) | ----------- | | |
| To Profit share transferred to :- | | | |
| Puneet's Capital A/c | ----------- | | |
| Raju's Capital A/c | ------------ | | |

**9.** Raju's commission will be:-

| | |
|---|---|
| a) ₹ 40,000 | b) ₹ 44,000 |

| | | |
|---|---|---|
| | c) ₹ 36,000 | d) ₹ 36,440 | |

| **10.** | Puneet's share of profit will be :- | | 1 |
|---|---|---|---|

| a) ₹ 1,80,000 | b) ₹ 1,44,000 |
|---|---|
| c) ₹ 2,16,000 | d) ₹ 1,60,000 |

| **11.** | Choose the correct sequence of the following transactions in context of Division of Profits. | 1 |
|---|---|---|

(i) Guarantee by Firm to Partners
(ii) Guarantee by Partners to Firm
(iii) Transfer of Profits to Profit and Loss Appropriation Account
(iv) Guarantee by Partner to Partner

| a) (i); (iii) ; (iv) ; (ii) | b) (iii); (i) ; (ii) ; (iv) |
|---|---|
| c) (iii) ; (ii) ; (i); (iv) | d) (ii); (iii); (iv); (i) |

| **12.** | If 10,000 shares of ₹10 each were forfeited for non-payment of final call money of ₹ 3 per share and only 7,000 shares were re-issued @ ₹ 11 per share as fully paid up, then what is the amount of maximum possible discount that company can allow at the time of re-issue of the remaining 3,000 shares? | 1 |
|---|---|---|

| a) ₹ 28,000 | b) ₹ 21,000 |
|---|---|
| c) ₹ 9,000 | d) ₹ 16,000 |

| **13.** | As per Companies Act 2013, Securities Premium Balance can be utilised for which of the following purpose? | 1 |
|---|---|---|

| a) Issuing bonus to existing shareholders to convert partly paid up into fully paid-up bonus shares. | b) Providing for Premium payable on Redemption of Debentures. |
|---|---|

| **14.** | Ganga and Jamuna are partners sharing profits in the ratio of 2:1. They admit Saraswati for 1/5th share in future profits. On the date of admission, Ganga's capital was ₹ 1,02,000 and Jamuna's capital was ₹ 73,000. Saraswati brings ₹ 25,000 as her share of goodwill and she agrees to contribute proportionate capital of the new firm. How much capital will be brought by Saraswati? | 1 |
|---|---|---|

a) ₹ 43,750
b) ₹ 37,500
c) ₹ 50,000
d) ₹ 40,000

| **15.** | Green and Orange are partners. Green draws a fixed amount at the beginning of every month. Interest on drawings is charged @8% p.a. At the end of the year interest on Green's drawings amounts to ₹ 2,600. Monthly drawings of Green were: | 1 |
|---|---|---|

a) ₹ 8,000

b) ₹ 60,000
c) ₹ 7,000
d) ₹ 5,000

**Or**

Girdhar, a partner withdrew ₹ 5,000 in the beginning of each quarter and interest on drawings was calculated as ₹ 1,500 at the end of accounting year 31March 2022. What is the rate of interest on drawings charged?
a) 6% p.a.
b) 8% p.a.
c) 10% p.a.
d) 12% p.a.

| | | |
|---|---|---|
| **16.** | At the time of dissolution of a firm, Creditors are ₹ 70,000; Firm's Capital is ₹ 1,20,000; Cash Balance is ₹ 10,000. Other assets realised ₹ 1,50,000. Gain/Loss in the realisation account will be:<br>a) ₹ 30,000 (Gain)<br>b) ₹ 40,000 (Gain)<br>c) ₹ 40,000 (Loss)<br>d) ₹ 30,000 (Loss) | 1 |
| **17.** | Nirmala, Divisha and Sara were partners in a firm sharing profits and losses in the 3:4:3. Books were closed on 31st March every year. Sara died on 1st February, 2022.  As per the partnership deed Sara's executors are entitled to her share of profit till the date of death on the basis of Sales turnover. Sales for the year ended 31st March 2021 was ₹ 10,00,000 and profit for the same year was ₹ 1,20,000. Sales show a positive trend of 20% and percentage of profit earning is reduced by 2%.<br>Journalise the transaction along with the working notes. | 3 |
| **18.** | Amay, Anmol and Rohan entered into partnership on 1st July, 2021 to share profits and losses in the ratio of 3:2:1. Amay guaranteed that Rohan's share of profit after charging interest on capital @ 6% p.a would not be less than ₹ 36,000 p.a. Their fixed capital balances are: ₹ 2,00,000, ₹ 1,00,000 and ₹ 1,00,000 respectively. Profit for the year ended 31st March, 2022 was ₹1,38,000.<br>Prepare Profit and Loss Appropriation A/c.<br><br>**Or**<br><br>Ajay, Manish and Sachin were partners sharing profits in the ratio 5:3:2. Their Capitals were ₹ 6,00,000; ₹ 8,00,000 and ₹ 11,00,000 as on April 01, 2021. As per Partnership deed, Interest on Capitals were to be provided @ 10% p.a. For the year ended March 31, 2022, Profits of ₹ 2,00,000 were distributed without providing for Interest on Capitals.<br>Pass an adjustment entry and show the workings clearly. | 3 |

| 19. | Anthony Ltd. issued 20,000, 9% Debentures of ₹ 100 each at 10% discount to Mithoo Ltd. from whom Assets of ₹ 23,50,000 and Liabilities of ₹ 6,00,000 were taken over. Pass entries in the books of Anthony Ltd. if these debentures were to be redeemed at 5% premium.<br><br>**Or**<br><br>Random Ltd. took over running business of Mature Ltd. comprising of Assets of ₹ 45,00,000 and Liabilities of ₹ 6,40,000 for a purchase consideration of ₹ 36,00,000. The amount was settled by bank draft of ₹ 1,50,000 and balance by issuing 12% preference shares of ₹ 100 each at 15% premium. Pass entries in the books of Random Ltd. | 3 |
|---|---|---|
| 20. | Doremon, Shinchan and Nobita are partners sharing profits and losses in the ratio of 3:2:1. With effect from 1st April, 2022 they agree to share profits equally. For this purpose, goodwill is to be valued at two year's purchase of the average profit of last four years which were as follows:<br>Year ending on 31st March,2019 ₹ 50,000 (Profit)<br>Year ending on 31st March,2020 ₹ 1,20,000 (Profit)<br>Year ending on 31st March,2021 ₹ 1,80,000 (Profit)<br>Year ending on 31st March,2022 ₹ 70,000 (Loss)<br><br>On 1st April, 2021 a Motor Bike costing ₹ 50,000 was purchased and debited to travelling expenses account, on which depreciation is to be charged @ 20% p.a by Straight Line Method. The firm also paid an annual insurance premium of ₹ 20,000 which had already been charged to Profit and Loss Account for all the years.<br>Journalise the transaction along with the working notes. | 3 |
| 21. | Altaur Ltd. was registered with an authorised Capital of ₹ 4,00,00,000 divided in 25,00,000 Equity Shares of ₹ 10 each and 1,50,000, 9% Preference Shares of ₹ 100 each. The company issued 8,00,000 Equity Shares for public subscription at 20% premium, payable ₹ 3 on application; ₹ 7 on allotment (including premium) and balance on call. Public had applied for 10,00,000 shares. Excess Applications were sent letters of regret.<br><br>All the dues on allotment received except on 15,000 shares held by Sanju. Another shareholder Rocky paid his call dues along with allotment on his holding of 25,000 shares. You are required to prepare the Balance Sheet of the company as per Schedule III of Companies Act, 2013, showing Share Capital balance and also prepare Notes to Accounts. | 4 |
| 22. | Charu, Dhwani, Iknoor and Paavni were partners in a firm. They had entered into partnership firm last year only, through a verbal agreement. They contributed Capitals in the firm and to meet other financial requirements, few partners also provided loan to the firm. Within a year, their conflicts arisen due | 4 |

| | | |
|---|---|---|
| | to certain disagreements and they decided to dissolve the firm. The firm had appointed Ms. Kavya, who is a financial advisor and legal consultant, to carry on the dissolution process. In the first instance, Ms. Kavya had transferred various assets and external liabilities to Realisation A/c. Due to her busy schedule; Ms. Kavya has delegated this assignment to you, being an intern in her firm. On the date of dissolution, you have observed the following transactions:<br><br>(i) Dhwani's Loan of ₹ 50,000 to the firm was settled by paying ₹ 42,000.<br>(ii)Paavni's Loan of ₹ 40,000 was settled by giving an unrecorded asset of ₹ 45,000.<br>(iii) Loan to Charu of ₹ 60,000 was settled by payment to Charu's brotherloan of the same amount.<br>(iv)Iknoor's Loan of ₹ 80,000 to the firm and she took over Machinery of ₹60,000 as part payment.<br><br>You are required to pass necessary entries for all the above mentioned transactions. | |
| **23.** | OTUA Ltd. was registered with an authorised capital of 2,00,000 equity shares of ₹ 100 each. The company offered 60,000 shares for public subscription at 25% premium. The share was payable as ₹ 40 on application and balance on allotment, with premium. Public had applied for 85,000 shares. Pro-rata allotment was made in the ratio of 5:4 and remaining applications were sent letters of regret.<br><br>Mr. Anand holding 4,000 shares failed to pay allotment money and his shares were forfeited. Out of these 3,000 shares were re-issued at a discount of ₹ 20 per share. Pass necessary entries in the books of the OTUA Ltd.<br><br><div align="center">**Or**</div><br>Pass entries for forfeiture and re-issue in both the following cases.<br><br>**(a)** Vikram Ltd. forfeited 5,000 shares of Rahul, who had applied for 6,000 shares for non-payment of allotment money of ₹ 5 per share and first and final call of ₹ 2 per share. Only application money of ₹ 3 was paid by him. Out of these 3,000 shares were re-issued @ ₹ 12 per share as fully paid.<br><br>**(b)** Ratan Ltd. forfeited 3,000 shares of ₹ 10 each (issued at ₹ 2 premium)for non-payment of first call of ₹ 2 per share. Final call of ₹ 3 per share was not yet made. Out of these 2,000 shares were re-issued at ₹ 10 per share as fully paid. | 6 |
| **24.** | X and Y were partners in the profit-sharing ratio of 3: 2. Their balance sheet asat March 31, 2022 was as follows: | 6 |

Balance Sheet as at March 31, 2022

| Liabilities | Amount (₹) | Assets | Amount (₹) |
|---|---|---|---|
| Creditors | 56,000 | Plant and Machinery | 70,000 |
| General Reserve | 14,000 | Buildings | 98,000 |
| Capital Accounts: | | Stock | 21,000 |
| X              1,19,000 | | Debtors          42,000 | |
| Y              1,12,000 | 2,31,000 | (-)Provision     7,000 | 35,000 |
| | | Cash in Hand | 77,000 |
| | 3,01,000 | | 3,01,000 |

Z was admitted for 1/6th share on the following terms:
   (i)  Z will bring ₹ 56,000 as his share of capital, but was not able to bring anyamount to compensate the sacrificing partners.
   (ii)  Goodwill of the firm is valued at ₹. 84,000.
   (iii)Plant and Machinery were found to be undervalued by ₹ 14,000 Buildingwas to brought up to ₹ 1,09,000.
   (iv) All debtors are good.
   (v) Capitals of X and Y will be adjusted on the basis of Z's share and adjustments will be done by opening necessary current accounts.

You are required to prepare revaluation account and partners' capital account.

**Or**

P, Q and R were partners in a firm sharing profits in the ratio of 3:2:1 respectively. On March 31st, 2022, the balance sheet of the firm stood as follows:

Balance Sheet

| Liabilities | Amount (₹) | Assets | Amount (₹) |
|---|---|---|---|
| Creditors | 13,000 | Cash | 4,700 |
| Bills Payable | 590 | Debtors | 8,000 |
| Capital Accounts: | | Stock | 11,690 |
| P              15,000 | | Buildings | 23,000 |
| Q              10,000 | | Profit and Loss Account | 1,200 |
| R              10,000 | 35,000 | | |
| | 48,590 | | 48,590 |

Q retired on the above-mentioned date on the following terms:
   (i)  Buildings to be appreciated by ₹7,000
   (ii) A provision for doubtful debts to be made at 5 % on debtors.
   (iii)Goodwill of the firm is valued at ₹ 18,000 and adjustment to be made by
   raising and writing off the goodwill.
   (iv)₹ 2,800 was to be paid to Q immediately and the balance in his capital account to be transferred to his loan account carrying interest as per theagreement.
   (v) Remaining partner decided to maintain equal capital balances, by opening current account.

| | Prepare the revaluation account and partner's capital accounts. | |
|---|---|---|
| **25.** | A, B and C were partners sharing P&L in the ratio 5:3:2. A died on 30th June, 2019. Entry for treatment of goodwill after his death was passed as follows:- | 6 |
| | A's profit till date of death was estimated as ₹ 1,20,000, based on the average profits of past three years. Final dues payable to A's executors on the date of death was calculated as ₹ 8,40,000 out of which ₹ 2,40,000 was paid immediately by giving him Furniture valued for the same and balance was to be paid in three equal annual instalments starting from 30 June, 2020, together with interest rate as specified in Section 37 of Indian Partnership Act, 1932.. Pass necessary entry for profit share to be credited to A's Capital and also prepare A's executors account till final settlement. | |
| **26.** | Health2Wealth Ltd. had share capital of ₹ 80,00,000 divided in shares of ₹ 100 each and 20,000, 8% Debentures of ₹ 100 each as part of capital employed. The company need additional funds of ₹ 55,00,000 for which they decided to issue debentures in such a way that they got required funds after issuing debentures of the same class as earlier, at 10% premium. These debentures were to be redeemed at 20% premium after 4 years. These debentures were issued on 01 October, 2021. You are required to <br><br> **(a)** Pass entries for issue of Debentures. <br> **(b)** Prepare Loss on Issue of Debentures Account assuming there was existing balance of Securities Premium Account of ₹ 2,80,000. <br> **(c)** Pass entries for Interest on debentures on March 31, 2022 assuminginterest is payable on 30 September and 31 March every year. | 6 |

## Part B :- Analysis of Financial Statements(Option – I)

| | | | | |
|---|---|---|---|---|
| **27.** | Financial statements are prepared on certain basic assumptions (pre-requisites)known as_.<br>  a)  Provision of Companies Act,2013      b) Accounting Standards<br>  c)  Postulates                              d) Basis of Accounting<br><br>**Or**<br><br>Which one of the following is correct? | | | 1 |

| Date | Particulars | L.F | Debit (₹) | Credit (₹) |
|---|---|---|---|---|
| | B's Capital A/c        Dr.<br>C's Capital A/c        Dr.<br>    To A's Capital A/c<br>(Entry for goodwill treatment passed at thetime of death of partner) | | 1,80,000<br>1,20,000 | <br><br>3,00,000 |

| (i) | Quick Ratio can be more than Current Ratio. | |
| --- | --- | --- |
| (ii) | High Inventory Turnover ratio is good for the organisation, except when goods are bought in small lots or sold quickly at low margins to realise cash. | |
| (iii) | Sum of Operating Ratio and Operating Profit ratio is always 100%. | |

| a) All are correct. | b) Only (i) and (iii) are correct. |
| --- | --- |
| c) Only (ii) and (iii) arecorrect. | d) Only (i) and (ii) are correct |

**28.** From the following calculate Interest coverage ratio

Net profit after tax Rs 12,00,000; 10% debentures Rs 1,00,00,000; Tax Rate 40%    1

| a) 1.2 times | b) 3 times |
| --- | --- |
| c) 2 times | d) 5 times |

**29.** Insurance Claim received by Albert Co. Ltd. of ₹ 5,00,000 for Loss of Machinery   1 due to theft will be recorded in Cash Flow Statement in which of the following manner?

| a) Added under Operating Activities as Extraordinary Item and Subtracted from Operating Activities also. | b) Subtracted under Operating Activities as Extraordinary Item and Added to Operating Activities also. |
| --- | --- |
| c) Added under Operating Activities as Extraordinary Item and Outflow under Investing Activity also. | d) Subtracted under Operating Activities as Extraordinary Item and Inflow under Investing Activities also. |

**Or**

A company issued 20,000; 9% Debentures of ₹ 100 each at 10% Discount. These debentures were to be redeemed at 15% Premium at the end of 5 years. The balance in Securities Premium Account as on the date of Issue was ₹ 3,70,000. How this transaction will be reflected in Cash Flow Statement?

| a) Added ₹ 1,30,000 under Operating Activities as Loss on Issue of Debentures written off and Inflow of ₹ 20,00,000 under Financing Activities. | b) Added ₹ 5,00,000 under Operating Activities as Loss on Issue of Debentures written off and Inflow of ₹ 18,00,000 under Financing Activities. |
| --- | --- |
| c) Added ₹ 1,30,000 under Operating Activities as Loss on Issue of Debentures written off and Inflow of ₹ 18,00,000 under Financing Activities. | d) Added ₹ 5,00,000 under Operating Activities as Loss on Issue of Debentures written off and Inflow of ₹ 20,00,000 under Financing Activities. |

**30.** From the following information find out the inflow of Cash by sale of Office   1

| | equipment's |  |
|---|---|---|
| |                   31st March, 2022        31st March, 2021<br>Office Equipment      ₹ 2,00,000            ₹ 3,00,000<br><br><br>Additional Information:<br>Depreciation for the year 2021-22 was Rs. 40,000<br>Purchase of Office Equipment purchased during the year Rs. 30,000<br>Part of Office Equipment sold at a profit of Rs. 12,000<br><table><tr><td>a) ₹ 1,00,000</td><td>b) ₹ 1,02,000</td></tr><tr><td>c) ₹ 90,000</td><td>d) ₹ 1,12,000</td></tr></table> | |
| **31.** | Classify the following items under Major heads and Sub-head (if any) in theBalance Sheet of a Company as per schedule III of the Companies Act 2013.<br>    (i)  Current maturities of long term debts<br>    (ii)  Furniture and Fixtures<br>    (iii) Provision for Warranties<br>    (iv) Income received in advance<br>    (v)  Capital Advances<br>    (vi) Advances recoverable in cash within the operation cycle | 3 |
| **32.** | Lala Ltd. and Bala Ltd. use different accounting policies for inventory valuation. These variations leave a big question mark on the cross-sectional analysis and comparison of these two firms was not possible.<br><br>Identify the limitation of Ratio Analysis highlighted in the above situation. Also explain any two other limitations of Ratio Analysis apart from the identified above. | 3 |
| **33.** | Determine Return on Investment and Net Assets Turnover ratio from the following information:-<br><br>Profits after Tax were ₹ 6,00,000; Tax rate was 40%; 15% Debentures were of<br>₹20,00,000; 10% Bank Loan was ₹ 20,00,000; 12% Preference Share Capital ₹ 30,00,000; Equity Share Capital ₹ 40,00,000 ; Reserves and Surplus were ₹ 10,00,000; Sales ₹ 3,75,00,000 and Sales Return ₹ 15,00,000.<br><br>**Or**<br><br>Debt to Capital Employed ratio is 0.3:1. State whether the following transactions, will improve, decline or will have no change on the Debt  to Capital Employed Ratio. Also give reasons for the same.<br>  (i)     Sale of Equipments costing ₹ 10,00,000 for ₹ 9,00,000.<br>  (ii)    Purchased Goods on Credit for ₹ 1,00,000 for a credit of 15 months,assuming operating cycle is of 18 months.<br>  (iii)   Conversion of Debentures into Equity Shares of ₹ 2,00,000. | 4 |

| | (iv) Tax Refund of ₹ 50,000 during the year. | |
|---|---|---|
| **34.** | Read the following hypothetical text and answer the given questions on the basis of thesame:<br><br>Aashna, an alumnus of CBSE School, initiated her start up Smartpay, in 2015. Smartpay is a service platform that processes payments via UPI and POS, and provides credit or loans to their clients.. During the year 2021-22, Smartpay issued bonus shares in the ratio of 5:1 by capitalising reserves. The profits of Smartpay in theyear 2021-22 after all appropriations was ₹ 7,50,000. This profit was arrived after taking into consideration the following items: - | 6 |

| Particulars | Amount (₹) |
|---|---|
| Interim Dividend paid during the year | 90,000 |
| Depreciation on Machinery | 40,000 |
| Loss of Machinery due to fire | 20,000 |
| Insurance claim received for Loss of Machinery due to Fire | 10,000 |
| Interest on Non-Current Investments received | 30,000 |
| Tax Refund | 20,000 |

Additional Information:

| Particulars | 31.3.22 (₹) | 31.3. 21(₹) |
|---|---|---|
| Equity Share Capital | 12,00,000 | 10,00,000 |
| Securities Premium Account | 3,00,000 | 5,00,000 |
| General Reserve | 1,50,000 | 1,50,000 |
| Investment in Marketable Securities | 1,50,000 | 1,00,000 |
| Cash in hand | 2,00,000 | 3,00,000 |
| Machinery | 3,00,000 | 2,00,000 |
| 10% Non-Current Investments | 4,00,000 | 3,00,000 |
| Bank Overdraft | 2,50,000 | 2,00,000 |
| Goodwill | 30,000 | 80,000 |
| Provision for Tax | 80,000 | 60,000 |

(i) Goodwill purchased during the year was ₹ 20,000.
(ii) Proposed Dividend for the year ended March 31, 2021 was ₹ 1,60,000 and forthe year ended March 31,2022 was ₹ 2,00,000.

You are required to:
1. Calculate Net Profit before tax and extraordinary items.
2. Calculate Operating profit before working capital changes.
3. Calculate Cash flow from Investing activities.
4. Calculate Cash flow from Financing activities.
5. Calculate closing cash and cash equivalents.

| | **Part B :- Computerised Accounting(Option – II)** | |
|---|---|---|
| **27.** | The syntax of PMT Function is _____<br><br>    (a)  PMT (rate, pv, nper, [fv], [type])<br>    (b)  PMT (rate, nper, pv, [fv], [type])<br>    (c)  PMT (rate, pv, nper, [type], [fv])<br>    (d)  PMT (rate, nper, pv, [type], [fv])<br><br>**Or**<br><br>In Excel, the chart tools provide three different options _____, _____ and _____ for formatting.<br><br>    (a)  Layout, Format, DataMaker<br>    (b)  Design, Layout, Format<br>    (c)  Format, Layout, Label<br>    (d)  Design, DataMaker, Layout | 1 |
| **28.** | Which formulae would result in TRUE if C4 is less than 10 and D4 is less than 100?(a)  =AND(C4>10, D4>10)<br>    (b)  =AND(C4>10, C4<100).(c) =AND(C4>10, D4<10).<br>    (d)  =AND (C4<10, D4,100) | 1 |
| **29.** | Which function results can be displayed in Auto Calculate?<br>    (a)  SUM and AVERAGE<br>    (b)  MAX and LOOK<br>    (c)  LABEL and AVERAGE<br>    (d)  MIN and BLANK<br>**Or**<br><br>When navigating in a workbook, which command is used to move to the beginning of the current row?<br>    (a)  [Ctrl]+[Home]<br>    (b)  [Page Up]<br>    (c)  [Home]<br>    (d)  [Ctrl]+[Backspace] | 1 |
| **30.** | What category of functions is used in this formula: =PMT (C10/12, C8, C9,1)<br>    (a)  Logical<br>    (b)  Financial | 1 |

| | | (c) Payment <br> (d) Statistical | |
|---|---|---|---|
| **31.** | State any three types of Accounting Vouchers used for entry in Tally software. | | 3 |
| **32.** | State any three requirements which should be considered before making an investingdecision to choose between 'Desktop database' or 'Server database'. | | 3 |
| **33.** | State the features of Computerized Accounting system. <br><br> **Or** <br><br> Explain the use of 'Conditional Formatting'. | | 4 |
| **34.** | Describe two basic methods of charging depreciation. Differentiate between both ofthem. | | 6 |

**SUBJECT- I.P**

**1. HOLIDAYS HOMEWORK ALREADY SHARED IN CLASS GROUP.**

**SUBJECT- POLITICAL SCIENCE**
**SAMPLE QUESTION PAPER**
**SECTION – A**

1. The movement 'Arab Spring' that began in 2009 later turned into a_____.
(a) Social Movement
(b) Religious Movement
(c) Political Movement
(d) Economic Movement
2. Name the Soviet leader who faced a coup in the year 1991.
(a) Boris Yelstin
(b) Mikhail Gorbachev
(c) Leonid Brezhnev
(d) Joseph Stalin
3. Select one of the most appropriate statements for the 'ASEAN WAY'-
(a) Reflects the lifestyle of ASEAN members
(b) Is an informal and cooperative interaction among ASEAN members
(c) Is the defence policy followed by the ASEAN members
(d) Is the philosophical principle that connects all the ASEAN members
4. Choose the correct set of countries that refused to adopt the Maastricht Treaty
and European currency, Euro?
(a) Britain and France
(b) Denmark and Sweden
(c) US and USSR
(d) Canada and Sweden
Assertion Reason Questions:
Directions for Q.Nos. 5 and 6

2

In the question given below, there are two statements marked as Assertion (A) and Reason (R). Read these statements and choose one correct answer from the given options-
(a) Both A and R are true and R is the correct explanation of A

(b) Both A and R are true and R is not the correct explanation of A
(c) A is true but R is false
(d) A is false, but R is true
Assertion (A) Traditional Security accepts confidence building as a means of avoiding violence.
Reason (R) Confidence building is a process in which countries share ideas and information with their rivals.
6. Assertion (A) The real challenge to Indira Gandhi came not from the opposition but from within her own party.
Reason (R) She had to deal with the 'Syndicate', a group of powerful and influential leaders from within the Congress.
7. Terrorism refers to -
a) A bomb blast in a market place or train etc.
b) Systematic creation of atmosphere of fear in society using brutal violence
c) An external attack by any military group
d) Violence created by a group of people or an individual
8. Which of the following statements about NITI Aayog are true?
(i) NITI Aayog acts as a "think tank" of the Union
Government
(ii) NITI Aayog acts against terrorism
(iii) NITI Aayog acts in the spirit of cooperative
federalism
(iv) NITI Aayog decides more role for bigger states
and smaller role for smaller states
Codes
a) (i), (ii) and (iv)
b) (iii) and (iv)
c) (i), (iii) and (iv)
d) (i) and (iii)
9. Name the personality who drafted Second Five Year Plan.
(a) K. C. Negoy
(b) T.T. Krishnamachari
(c) Smt. Durgabai Deshmukh
(d) P. C. Mahalnobis
10. Arrange the following in chronological order-
(a) Second General Elections
(b) V.V. Giri elected as the President of India
(C) Fourth General Elections
(d) Congress(R)-CPI alliance won many seats in General Elections
Codes
(a) i), iii) ,ii), iv)
(b) iii), ii), iv), i)
(c) ii), iv), i), iii)
(d) iv), iii),i), ii)
11. Name the judge of the Allahabad High Court who declared Mrs. Indira Gandhi's election as invalid---
(a) Om Prakash Trivedi
(b) Jagmohan Lal Sinha
(c) Narain Dutt Ojha
(d) Kunj Bihari Srivastava
12. Find the odd one out in the context of proclamation of emergency -

(a) Call for 'Total Revolution'.
(b) the Railway Strike of 1974
(c) Naxalite Movement
(d) Gujarat Movement

## SECTION – B

13. Highlight any one feature of the multi-polar world as visualized by both Russia and

India.

14. Name the countries included in South Asia and suggest one way to enhance peace and cooperation in this region.

15. Highlight any two issues that dominate the politics of North–East India. 1+1=2

16. While throwing some light on the Mandal Issue, give one reason for anti-Mandal protests in India.

17. Evaluate balance of power as a significant component of traditional security policy.

18. How far did the Rajiv Gandhi – Longowal Accord succeed in bringing normalcy in Punjab?

## SECTION – C

19. 'Some of the most significant responses to the challenge of environmental degradation have come from the environmental movements'. Justify the statement with special reference to movements against extraction of earth and against mega- dams.

20. Explain the areas of cooperation and disagreement between India and Bangladesh.

21. Do you agree with the statement that the foreign policy of independent India has pursued the dream of a peaceful world"? Support your answer with three suitable arguments.

22. Analyze two reasons for the imposition of national emergency in India on June 25, 1975.

23. "The Soviet Union became a great power after the Second World War. However in no time the Soviet system became bureaucratic and authoritarian making life difficult for its citizens." Do you agree with the given statement? Give arguments to prove your answer.

## Section – D

24. **Read the passage given below and answer the questions that follow:**
After the end of the bipolar structure of world politics in the early 1990s, it became clear that alternative centres of political and economic power could limit America's dominance. Thus, European Union and ASEAN emerged as forces to reckon with. BRICS has also emerged as a new centre of power on the world stage. The term BRICS refers to Brazil, Russia, India and South Africa. The key objectives of BRICS are primarily to cooperate and distribute mutual economic benefits among its members besides non- interference in the internal policies of each nation and mutual equality. The 11th Conference of BRICS concluded in Brazil in 2019.

(1) Name the political leader who chaired the 11th Conference of BRICS.
a) Leonid Brezhnev
b) Jair Bolsonaro
c) Deodoro da Fonseca
d) Jacob Zuma

(2) Which among the following statements about BRICS is correct?
a) BRICS was founded to promote the welfare of the people of South Asia and to improve their quality of life.
b) BRICS countries respect mutual equality.
c) BRICS was established to create a free Trade Agreement (FTA) for investment, labour and services.
d) The headquarters of the BRICS are at Kathmandu (Nepal).

(3) BRIC turned into BRICS after the inclusion of South Africa in its first meeting in the year _____.

a) 2019
b) 2009
c) 2010
d) 2011
(4) BRICS was founded in 2006 in _____.
a) Brazil
b) India
c) Russia

d) China
In the given outline political map of India, four states have been marked as (A), (B), (C) and (D). Identify these states on the basis of the information given below and write their correct names in your answer book along with the respective serial numbers of the information used and the concerned alphabets as per the format that follows:
(i) The state where a coalition led by the CPI formed the government in the year 1957.
(ii) The state related to leader Shyama Prasad Mukherjee.
(iii) The state related to Karpuri Thakur, who implemented reservation for backward class.
(iv) The state related to K. Kamraj, who started the Mid Day Meal program for school students.
26. Study the given Cartoon and answer the questions that follow:
1) Border disputes between India and China erupted in 1960. Pandit Nehru was having talks with his counterpart_____ in China which proved futile.
(a) Mao Tsetung
(b) Presidnt Jinping
(c) Zhou Enlai
(d) Dalai Lama
2) Name the place in Indian territory which was occupied by China in the year 1962?
(a) Chagai hills
(b) Aksai Chin
(c) Balochistan
(d) Nagaland
3) _____ was the defence minister of India during the Indo-china war?
(a) Kailash Nath Katju
(b) V.K. Krishna Menon
(c) Baldev Singh
(d) Jawaharlal Nehru
4) Name the agreement signed between India and China on April 29, 1954.
(a Peace Agreement
(b) Panchsheel Agreement
(c) Standstill Agreement
(d) Tashkent Agreement
Following questions are for the Visually Impaired candidates in lieu of question number 26.
1. In January,1966, Prime Minister, Sh.Lal Bahadur Shastri signed the Tashkent Agreement with_____.
a. General Ayub Khan
b. General Yahya Khan
c. Mohammad Zia Ul Haq
d. Musa Khan
2. The first meeting of Non-Aligned Movement was held at _____.
a. Belgrade

b. Uzbekistan
c. Baku
d. New Delhi
3. Which of the following statements related to Indo-China War (1962) is correct?
a. China could not cross the Line of Control
b. The Soviet Union remained neutral during the conflict
c. The Soviets helped China against India
d. The Chinese forces did not withdraw their troops back to their earlier position
4. On what ground did India grant political asylum to Dalai Lama and thousands of
Tibetan refugees? Choose the correct statementa.
Dalai Lama was a known Tibetan leader
b. India granted political asylum on humanitarian grounds
c. Dalai Lama had a political influence over India
d. People of India supported Dalai Lama

## SECTION – E

27. Give an analysis of the cultural and political consequences of globalization.
**OR**
Analyze any three reasons for resistance to globalization.
28. In this changing world, a strengthened and revitalized UN is desirable. Highlight the
necessary reforms for an empowered United Nations.
**OR**
Analyze the composition of the United Nations Security Council. What according to
Your opinion is the major difference in the privileges given to its permanent and nonpermanent
Members?
29. Enlist the main considerations for bringing the Princely States with the Indian Union.
Name the leader who played the historic role in this direction. What was his
Contribution?
**OR**
Discuss three reasons for setting up of the States Reorganization Commission after
India's independence.
30. Coalition governments proved to be a boon for democracy in India. 'Support the
Statement with three relevant arguments.
**OR**
Analyze three major developments towards the end of 1980s that made a long-lasting
Impact on the politics of India
REVISE THE ENTIRE SYLLABUS FOR YOUR PRE BOARD -II

## SUBJECT- PHYSICAL EDUCATION

1.What is planning in games and sports?
2.What do you mean by planning in sports?
3.List the various types of tournaments.
4.Define knock-out tournament.
5.What are knock-out tournaments?
Round Robin tournament is of two types. Name them and give one major difference between them.
What do you mean by consolation tournament?
What is seeding?
What is bye?
Explain procedure for giving bye.

## *Do the following practical in your Lab manual.*

Practical-1: Fitness tests administration.
Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
Practical-3: Anyone one IOA recognised Sport/Game of choice. Labelled diagram of Field & Equipment. Also
mention its Rules, Terminologies & Skills.
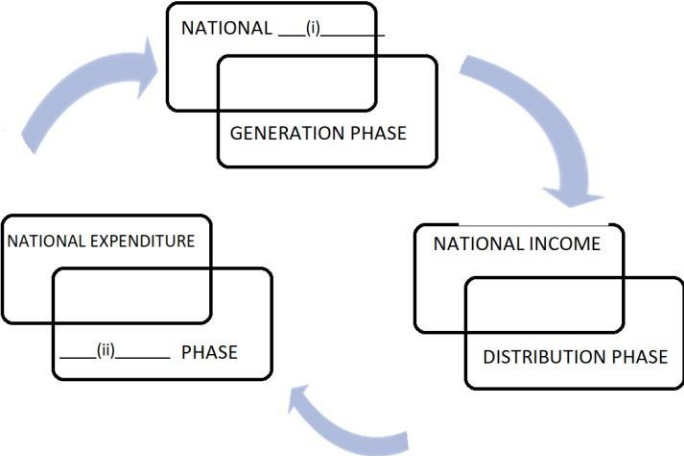
# SUBJECT- BUSINESS STUDIES

- Complete the Business Studies project.
- Prepare for Business Studies Pre-Board Examination.
BUSINESS STUDIES WORKSHEET
1. Briefly explain the following principles of management given by Henry Fayol:
   a) Unity of command   b) Equity   c) Remuneration   d) Initiative
2. State functions performed by the stock exchange.
3. State any 4 factors affecting the financial decision that is concerned with raising of finance using shareholders' funds and borrowed funds.
4. Explain factors that affect the choice of capital structure of the company.
5. Explain the rights of consumer provided by the Consumer Protection Act, 2019.


REVISE ENTIRE SYLLABUS OF ALL SUBJECTS AND COMPLETE THE PROJECT WORK.

# SUBJECT- ECONOMICS

| Q.NO. | SECTION A – MACRO ECONOMICS | MARKS |
|-------|------------------------------|-------|
| 1 | Read the following statements carefully: <br> **Statement 1:** The consumption curve is an upward sloping straight line curve due to the direct relationship between income and consumption and the assumption of constant Marginal Propensity to Consume. <br> **Statement 2:** Aggregate Demand curve and Consumption curve are parallel to each other. In the light of the given statements, choose the correct alternative from the following: <br> a) Statement 1 is true and statement 2 is false <br> b) Statement 1 is false and statement 2 is true <br> c) Both statements 1 and 2 are true <br> d) Both statements 1 and 2 are false | 1 |
| 2 | 'Owing to the Russia-Ukraine crisis, the world is experiencing rising crude prices due to supply-side issues.' <br> Identify the most likely impact on the Balance of Payment situation of the Indian economy from the following: <br> a) Production of cars in India will rise. <br> b) Production and sale of cycles in India will rise. <br> c) Inflow of US Dollars in India will rise. <br> d) Outflow of US Dollars from India will rise. | 1 |
| 3 | _____ is an institution that accept deposits for lending purposes. <br> (Fill up the blank with correct alternative) <br> a) Commercial Banks        b) Life Insurance Corporation <br> c) Reserve Bank of India        d) Government of India | 1 |

| 4 | Read the following statements carefully:<br>Statement 1: Export of financial services by India will be recorded on credit side of currentaccount.<br>Statement2: Foreign Direct Investments in India will be recorded on credit side of capitalaccount.<br>In the light of the given statements, choose the correct alternative:<br>   a) Statement 1 is true and statement 2 is false<br>   b) Statement 1 is false and statement 2 is true<br>   c) Both statements 1 and 2 are true<br>   d) Both statements 1 and 2 are false | 1 |
|---|---|---|
| 5 | Read the following statements carefully:<br>**Statement 1 -** Net investment is a stock concept.<br>**Statement 2 -** Capital is a flow concept.<br>In the light of the given statements, choose the correct alternative from the following:<br>   a) Statement 1 is true and statement 2 is false<br>   b) Statement 1 is false and statement 2 is true<br>   c) Both statements 1 and 2 are true<br>   d) Both statements 1 and 2 are false<br><div align="center">OR</div><br>Read the following figure carefully and choose the correct pair from the alternatives givenbelow:<br><br>NATIONAL ___(i)___<br>GENERATION PHASE<br>NATIONAL EXPENDITURE<br>___(ii)___ PHASE<br>NATIONAL INCOME<br>DISTRIBUTION PHASE<br><br>**Alternatives:**<br>   a) Output, Production<br>   b) Value added, Production<br>   c) Output, Disposition<br>   d) Wealth, Development | 1<br><br><br>1 |
| 6 | If in an economy, the value of investment multiplier is 4 and Autonomous Consumption is<br>₹ 30 Crore, the relevant consumption function would be : | |

| | | | |
|---|---|---|---|
| | a) C=30+0.75 Y b) C=(-)30+0.25Y<br>c) C=30-0.75Y d) C=30-0.25Y<br>OR<br>If increase in National Income is equal to increase in consumption, identity the value ofMarginal Propensity to Save :<br>a) Equal to unity b) Greater than one<br>c) Less than one d) Equal to zero | | 1<br><br>1 |
| 7 | Money supply in India may increase if,_____(Choose the correct alternative)<br>   1. Reserve Bank of India(RBI) injects more money in circulation<br>   2. the commercial banks expand their credit operation<br>   3. tax rates are reduced by the Central Government<br>   4. Reserve Bank of India increases the Bank Rate<br>**Alternatives:**<br>   a) 1,2 and 3 are correct<br>   b) 2,3 and 4 are correct<br>   c) 1,3 and 4 are correct<br>   d) 1,2 and 4 are correct | | 1 |
| 8 | Suppose, following data is presented, for an imaginary economy: (all figures in ₹ '000 Crore)<br><br>Year   Visible Exports   Visible<br><br>Imports2010       280<br><br>   240<br><br>2020   580   460<br><br>Identify, which of the statement about the period 2010 to 2020 is correct?<br>   a) Improvement in balance of trade<br>   b) Increase in trade deficit<br>   c) Improvement in balance in invisibles items<br>   d) Deterioration of balance of trade<br>OR<br>The following information is given for an imaginary country:<br><br>| Current Account | Amount (in ₹'000 Crore) |<br>|---|---|<br>| Visible Exports | 100 |<br>| Visible Imports | 150 |<br>| Invisible Exports | 70 |<br>| Invisible Imports | 30 | | | 1 |

| | | | |
|---|---|---|---|
| | Net current transfer balance         15 | | |

| | Balance on current account will be_____of ₹_____thousand Crore.<br>   a)  deficit, 10<br>   b)  surplus,5<br>   c)  deficit, 5<br>   d)  surplus, 10 | 1 |
|---|---|---|

| 9 | Read the following statement -Assertion (A) and Reason (R). Choose one of the correctalternatives given below:<br>Assertion (A): Ex-post Investments represent planned Investments; whereas ex-anteInvestments represent actual level of investments.<br>Reason (R): At equilibrium level, Ex-ante Savings and Ex-ante Investments are alwaysequal.<br>Alternatives:<br>   a)  Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanationof Assertion (A).<br>   b)  Both Assertion (A) and Reason (R) are true and Reason (R) is not the correctexplanation of Assertion (A).<br>   c)  Assertion (A) is true but Reason (R) is false.<br>   d)  Assertion (A) is false but Reason (R) is true. | 1 |
|---|---|---|

| | | |
|---|---|---|
| 10 | Read the following statement -Assertion (A) and Reason (R). Choose one of the correctalternatives given below: <br><br> Assertion (A): Saving curve makes a negative intercept on the vertical axis at zero level ofincome. <br><br> Reason (R): Saving function refers to the functional relationship between saving and income.Alternatives: <br><br> a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanationof Assertion (A). <br> b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correctexplanation of Assertion (A). <br> c) Assertion (A) is true but Reason (R) is false. <br> d) Assertion (A) is false but Reason (R) is true. | 1 |
| 11 | Suppose in a hypothetical economy there are only two Firms A and B, Firm A sold goods for ₹ 2,000 to Firm B and purchased goods for ₹ 1,000. Firm B exported goods for ₹ 2,500 and had domestic sales of ₹ 1,500. Calculate Net Domestic Product at market price, if consumption of fixed capital is ₹ 200. | 3 |
| 12 | Explain, how exchange rate is determined under a free market exchange rate system. <br><div align="center">OR</div> <br> Distinguish between autonomous and accommodating transactions in Balance of PaymentsAccounts. | 3 <br><br> 3 |

| 13 | If an economy plans to increase its income by ₹ 2,000 crore and the Marginal Propensity to Consume is 75%. Estimate the increase in investment required to achieve the targeted increase in income. | 4 |
|---|---|---|
| 14 | As per the following news published in The Economic Times on 26th December, 2021: 'Reserve Bank of India has sold government securities worth ₹ 8,710 crore in the secondarymarket, over the last four weeks, to drain out excessive liquidity'. Identify the likely cause and the consequences behind, this type of action plan of the ReserveBank. | 4 |
| 15 | Read the following text carefully, discuss briefly the relevant function of the Central Bank,indicated : <br> Recently, Reserve Bank of India (RBI) conducted a statutory inspection for supervisory evaluation against a Commercial Bank. The commercial bank was imposed with stringentpenalties, owing to deficiencies in regulatory compliances. As per the Central Bank, the inspection revealed non-compliances vis-à-vis differentdirections issued by RBI, on the following fronts: <br>   i.   ATM Card frauds <br>   ii.   Ensuring integrity and quality of data <br>   iii.  Loans to small borrowers       (adapted/moderated -livemint.com) <br> OR <br> 'Reserve Ratio and Credit Creation are inversely related.' Do you agree with the givenstatement? Justify your answer with a suitable numerical example. | 4 <br><br> 4 |
| 16 | a) Define Gross Domestic Product (GDP) deflator and discuss its importance. <br> b) State and discuss any two precautions to be considered while estimating nationalincome by Expenditure Method. | 3 <br> 3 |
| 17 | a) Compare the trends depicted in the figures given below: <br>  <br> b) Elaborate the objective of 'allocation of resources' in the Government budget. <br> OR <br> a) Distinguish between revenue receipts and capital receipts of the government, withsuitable examples. <br> b) Distinguish between direct and indirect taxes, with suitable examples. | 3 <br><br> 3 <br><br> 3 <br><br> 3 |

| | SECTION B – INDIAN ECONOMIC DEVELOPMENT | |
|---|---|---|
| 18 | Identify, which of the following indicates the adverse impact of British rule in India.<br>    a) Introduction of communication networks in India<br>    b) Change in composition of India's foreign trade<br>    c) Introduction of modern administrative system in India<br>    d) Introduction of railways in India | 1 |
| 19 | _____committee was set up for the development and promotion of small scaleindustries in India.<br>    a) Karve                    b) Tapas Majumdar<br>    c) Mahalanobis         d) TRYSEM<br>                        Or<br><br>First Industrial Policy Resolution of Independent India was announced in the year__<br>                  (Fill in the blank with the correct alternative)<br>    a) 1947      b) 1948      c) 1951      d) 1956 | 1<br><br><br>1 |
| 20 | _____and_____are the reasons for the slowdown of the Pakistan economy sinceindependence.<br>   I.   political instability<br>  II.   over-dependence on remittances from abroad<br> III.   stable performance of agriculture sector<br> IV.   growth of service<br>sectorAlternatives:<br>    a) I and II                b) II and III<br>    c) III and IV          d) I and IV<br>                     OR<br>'GLF' with respect to the People's Republic of China referred to as_____(Choose thecorrect alternative).<br>    a) Giant Leap Forward     b) Great Lead Forum<br>    c) Great Leap Forward     d) Giant Lead Forum | 1<br><br><br>1 |
| 21 | Identify which of the following is a source of non-institutional credit in the rural areas ofIndia.<br>    a) NABARD               b) Regional Rural Banks<br>    c) Money Lenders       d) Commercial Banks | 1 |
| 22 | From the set of the events given in column I and corresponding facts given in Column II,choose the correct pair of statement: | |

| | COLUMN I | | COLUMN II |
|---|---|---|---|
| i | Dual Pricing | A | Economic Reforms of 1991 |
| ii | Setting up of Special Economic Zones in China | B | To attract foreign Direct Investment |
| iii | Commune System | C | Backyard based Industrial production units |
| iv | Great Proletarian Cultural Revolution | D | Collective Farming |

| | | |
|---|---|---|
| | Alternatives:<br>   a)  i – A<br>   b)  ii – B<br>   c)  iii – C<br>   d)  iv - D | 1 |
| 23 | Read the following statements carefully.<br>Statement 1: On-the-job trainings help to bridge a gap between theoretical concepts andpractical experiences.<br>Statement 2: On-the-job trainings update the employees, with the latest changes in their workfield.<br>In the light of the given statements, choose the correct alternative:<br>   a)  Statement 1 is true and statement 2 is false<br>   b)  Statement 1 is false and statement 2 is true<br>   c)  Both statements 1 and 2 are true<br>   d)  Both statements 1 and 2 are false | 1 |
| 24 | Read the following statements carefully.<br>Statement 1: Both India and Pakistan initiated their economic reforms without any externalpressures.<br>Statement 2: Pakistan has successfully implemented the SEZ policy and reaped its benefitsusing the Export Promotion policy.<br>In the light of the given statements, choose the correct alternative:<br>   a)  Statement 1 is true and statement 2 is false<br>   b)  Statement 1 is false and statement 2 is true<br>   c)  Both statements 1 and 2 are true<br>   d)  Both statements 1 and 2 are false | 1 |
| 25 | _____is not a cause for environmental degradation.<br>   a)  Waste management<br>   b)  Deforestation<br>   c)  Global warming<br>   d)  Guarding green cover<br><div align="center">OR</div>_____is not the strategy for Sustainable Development.      (Choose thecorrect alternative)<br>   a)  Use of bio-gas<br>   b)  Use of solar power<br>   c)  Use of thermal power<br>   d)  Use of hydel power | 1<br><br><br><br><br><br>1 |
| 26 | Read the following statement -Assertion (A) and Reason (R). Choose one of the correctalternatives given below:<br>Assertion (A): Unemployment and poverty are inseparable twins.<br>Reason(R): Unemployment is the root cause of all socio-economic evils.Alternatives: | |

| | | | |
|---|---|---|---|
| | a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correctexplanation of Assertion (A).<br>b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correctexplanation of Assertion (A).<br>c) Assertion (A) is true but Reason (R) is false.<br>d) Assertion (A) is false but Reason (R) is true. | 1 |
| 27 | Read the following statement -Assertion (A) and Reason (R). Choose one of the correctalternatives given below:<br>Assertion (A): In the late 1970s, China's population growth rate had sharply declined. Reason(R): China has witnessed an increase in the proportion of elderly people owing tostringent family planning programmes.<br>Alternatives:<br>a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correctexplanation of Assertion (A).<br>b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correctexplanation of Assertion (A).<br>c) Assertion (A) is true but Reason (R) is false.<br>d) Assertion (A) is false but Reason (R) is true. | 1 |
| 28 | Interpret the given picture on account of current environmental challenges.<br><br><br><br>Source: https://www.theenvironmentalblog.org/current-environmental-issues | 3 |
| 29 | Defend or refute the following statement with valid explanation:<br>'Disguised unemployment is a common form of unemployment in rural India'<br>Or<br>Critically evaluate the role of rural banking system in the process of rural development inIndia. | 3<br><br>3 |
| 30 | Compare and analyse the following information related to Imports and Exports of the threeneighbouring nations: | |

| Country | Exports from India (in ₹ Crore) | | | Imports to India (in ₹ Crore) | | |
|---|---|---|---|---|---|---|
| | 2004-05 | 2018-19 | Annual rate ofgrowth (%) | 2004-05 | 2018-19 | Annual rate ofgrowth (%) |
| Pakistan | 2,341 | 14,426 | 3.7 | 427 | 3,476 | 5.1 |
| China | 25,232 | 1,17,289 | 2.6 | 31,892 | 4,92,079 | 10.3 |

| | | |
|---|---|---|
| 31 | a) Name any one Maharatana company.<br>b) 'Land ceiling promotes equity.' Support the given statement with valid explanation.<br><br>OR<br><br>Discuss briefly, how institutional reforms (land reforms) have played a significant role intransforming Indian agriculture. | 1<br>3<br><br><br>4 |
| 32 | State whether the following statements are true/false, with valid arguments:<br>a) Human Capital and Human Development are one and the same thing<br>b) India has a poor stock of technical manpower. | 2<br>2 |
| 33 | a) Define agricultural marketing.<br>b) Discuss briefly the importance of micro-credit programmes in rural development.<br>c) Enlist any two problems faced by farmers in the initial years of organic farming.<br><br>OR<br><br>a) "India has failed to implement the recommendations of Education Commission of1964 -66." Give valid arguments in support of the given statement.<br>b) 'Casual wage work is the major source of employment in rural India '. Defend orrefute the given statement with valid reason. | 2<br>2<br>2<br><br><br>3<br><br>3 |
| 34 | Read the following text carefully and answer the given questions on the basis of the same and common understanding:<br>The Green Revolution in India began in the mid-1960s marking a transition from traditional agriculture in India to high-yielding varieties of seeds and the associated modern agricultural techniques. The need for introduction of Green Revolution in India arose due to a shortage of food-grains in the post-independent period.<br>The government in the post-independent India wanted to ensure self-dependence in terms offood-grain production. Such efforts coincided with the development of high-yielding varieties of seeds of wheat developed by Dr. Norman Borlung and his associates in Mexico. These seeds also necessitated changes in farming techniques such as the addition of fertilizers, pesticides and better irrigation facilities. High yielding varieties of seeds were first introduced in India in the states of Punjab, Haryana and parts of western Uttar Pradesh. | |

In the early period of the green revolution in India, the focus was to acclimatise the new system with the more resource-intensive agricultural methods. The argument for introducingthe new crop varieties was to increase agricultural production in terms of higher crop yields.The seeds introduced during the early period of the green revolution in Punjab were not high-yielding by themselves. These high yields were possible due to the seeds being highly responsive to certain inputs such as irrigation water and fertilizers.

The green revolution in India, thus, necessitated a resource-intensive process whereby, thosewho could make significant capital investments could benefit, whereas, those others becamemore marginalized in regions affected by practices of the green revolution in India. On onehand, the results derived from the green revolution helped farmers to increase their yield and income and on the other hand, it helped the government to procure and preserve more food grains through agencies like Food Corporation of India. These food grain reserves were helpful in creation of buffer stocks in India, which helped in the situations of adversities.

3

3

a) Why was Green revolution implemented and how did it benefit the farmers?
b) Justify the following statement with valid explanation:
   'Green revolution enabled the government to procure sufficient food grains to buildits stocks that could be used during time of shortage'.

*COMPLETE SYLLABUS REVISE AND EXERCISES SECTION SOLVE