Sample Questions

for

CLASSROOM CONTACT PROGRAMME

PRE-NURTURE & CAREER FOUNDATION : CLASS-X

(FOR X to XI MOVING STUDENTS)

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INSTRUCTIONS

Things NOT ALLOWED in EXAM HALL : Blank Paper, clipboard, log table, slide rule, calculator, camera, mobile and any electronic or electrical gadget. If you are carrying any of these then keep them at a place specified by invigilator at your own risk

1. This Booklet is your Question Paper. DO NOT break seal of Booklet until the invigilator instructs to do so.
2. Fill your TALLENTEX Roll No. & Answer Sheet No. in the space provided on the cover page.
3. Carefully fill your **PAPER CODE** and present **CLASS** in space provided **(Serial No. 6 & 12)** of optical response sheet.
4. Please make sure that paper you received is of your class only.
5. Please make sure that the **Paper Code** Printed on the **Test Booklet Cover Page** and **Inner Pages** are the same. In case of discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of Test Booklet.
6. The Answer Sheet is provided to you separately which is a machine readable Optical Response Sheet (ORS). You have to mark your answers in the ORS by darkening bubble, as per your answer choice, by using black or blue ball point pen.
7. After breaking the Question Paper seal, check there are **12 pages** in the booklet. This Question Paper contains 80 MCQs with 4 choices (Subjects: Physics: 15, Chemistry: 15, Biology: 15, Maths: 15 & Mental ability: 20).
8. Think wisely before darkening bubble as **there is negative marking for wrong answer**. Answer once marked by pen cannot be cancelled.
9. Marking Scheme:
   a. If darkened bubble is RIGHT answer : 4 Marks.
   b. If darkened bubble is WRONG answer: -1 Mark (Minus One Mark).
   c. If no bubble is darkened in any question: No Mark.
10. If you are found involved in cheating or disturbing others, then your ORS will be cancelled.
11. Do not put any stain on ORS and hand it over back properly to the invigilator.
12. You can take along the question paper after the test is over.

SECTION - A : PHYSICS

This section contains **15 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

1. The frequency of a wave travelling at a speed of 500 m/s is 25 Hz. Its time period will be_____.
(1) 20 s (2) 25 s (3) 0.05 s (4) 0.04 s

2. The lengths of four conducting wires are in the ratio 1 : 2 : 3 : 4. All wires are of same material and same radius. If they are connected in parallel with a battery, then the ratio of currents in these wires will be :
(1) 12 : 6 : 4 : 3 (2) 6 : 3 : 2 : 1 (3) 4 : 3 : 2 : 1 (4) 1 : 2 : 3 : 4

3. A body is dropped from the roof of a multi storied building it passes the ceiling of the 20^{th} storey at a speed of 20 m/sec if the height of each storey is 5m, then the number of storeys in the building .
(1) 24 (2) 20 (3) 25 (4) 30

4. A bulb of rating 100 W, 220 volt is connected to a supply source of 110 V. If the power consumption required from the source is 100 W, then how many identical bulbs are required more to be connected in the circuit?
(1) 3 more bulbs each in series with first
(2) 4 more bulbs each in parallel with first
(3) 3 more bulbs each in parallel with first
(4) 4 more bulbs each in series with first

5. A force of 5 N acts on a body of weight 10 N, then the acceleration produced by it is (take g = 10 m/s^2):
(1) 2 m/s^2 (2) 5 m/s^2 (3) 0.5 m/s^2 (4) 50 m/s^2

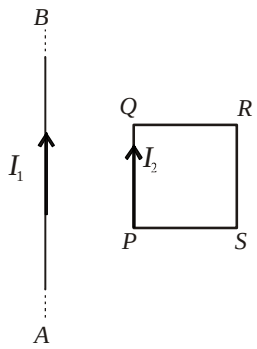
6. Two parallel wires carrying current in the same direction attract each other :
(1) due to electric potential difference between them
(2) due to phenomenon of electromagnetic induction
(3) due to electric force between them
(4) due to magnetic force between them

7. A charged body possesses +5C of charge. If 6.25×10^{18} number of electrons are given to the body, its final charge:
(1) increases (2) decreases
(3) remains unchanged (4) becomes zero

8. Resistivity of metals X, Y and Z are 1.18×10^{-6} Ω–cm, 1.0×10^{-6} Ω–cm and 4.8×10^{-6} Ω–cm respectively. Out of them, the best electrical conductor is :
(1) X (2) Y
(3) Z (4) All have same electrical conductivity

9. Which of the following is not a unit of work :
(1) newton × metre (2) joule (3) $\frac{\text{kilogram} \times (\text{metre})^2}{(\text{second})^3}$ (4) $\frac{\text{kilogram} \times (\text{metre})^2}{(\text{second})^2}$

10. AB is a long wire carrying a current I_1 and PQRS is a rectangular loop carrying current I_2 (as shown in figure)



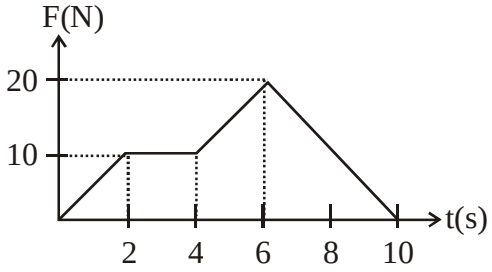
Which among the following statements are correct?
(i) Arm PQ will get attracted to wire AB, and the arm RS will get repelled from wire AB.
(ii) Net force on loop is zero.
(iii) Forces on arms PQ and RS will be equal and opposite.
(iv) Forces on arms QR and SP will be zero.
(v) Forces on arms QR and SP will be equal and opposite.
(1) Only (i) and (v) (2) Only (i), (ii) and (iv)
(3) Only (i), (ii) and (iii) (4) Only (ii) and (iv)

11. The time required by a geo-stationary satellite to revolve once around the Earth is:

(1) 24 hours (2) 84 minutes

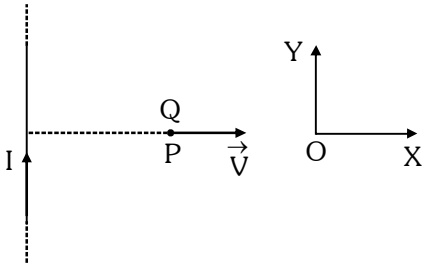
(3) 365 days (4) 12 hours

12. A particle of mass 5 kg is at rest initially. A force acts on it whose magnitude changes with time. The force time graph is shown below. The velocity of the particle after 10 sec is



(1) 100 m/s (2) 80 m/s (3) 20 m/s (4) 60 m/s

13. A very long straight wire carries a current I . At the instant when a charge +Q at point P has velocity v, as shown, then the force on the charge is :



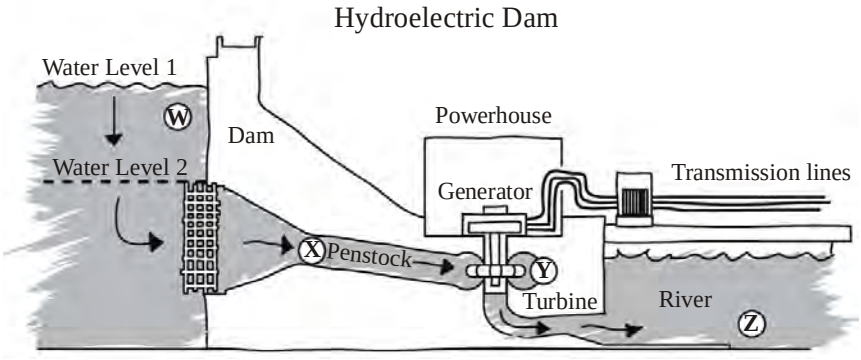
(1) Opposite to OX (2) Along OX

(3) Opposite to OY (4) Along OY

14. We are given n resistors each of resistance R. The ratio of the maximum to minimum resistance that can be obtained by combining them is:

(1) n^n (2) n (3) n^2 (4) 2n

15. A student drew the diagram below to show the movement of water through a hydroelectric dam.



The student used the diagram to describe changes in the potential and kinetic energy of the water. At which location is the gravitational potential energy of the water the greatest?

(1) Location W (2) Location X

(3) Location Y (4) Location Z

SECTION-B : CHEMISTRY

This section contains **15 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

16. A hydrocarbon has 3 gram carbon per gram of hydrogen, hence its simplest formula will be
(1) CH_4 (2) C_6H_6 (3) C_3H_8 (4) CH_2

17. The schematic atomic structures of three elements X, Y and Z are given as

Which of the following statements is/are incorrect?
(I) Z can form ZCl_3 and ZCl_5.
(II) Y can exist in triatomic form.
(III) X and Y combine to form X_3Y.
(IV) X and Z combine to form X_3Z.
(V) X will gain one electron to form a stable compound.
(VI) X and Y combine to form X_2Y_2,Z and Y combine to form Y_3Z_2.
(1) I, II, IV, V (2) I, II, III, IV,V (3) I, III, IV, V, VI (4) I,II,V,VI

18. Which of the following is the formula of barium peroxide and barium oxide respectively ?
(1) Ba_2O, Ba_2O_2 (2) Ba_2O_2, Ba_2O (3) BaO_2, BaO (4) BaO_3, BaO

19. How many litres of water has evaporated on concentrating 10 litres of H_2SO_4 such that its pH decreases from 6 to 5 ?
(1) 9 (2) 7 (3) 5 (4) 10

20. Which one of the following contains the smallest number of molecules?
(1) 8 g of methane (2) 0.75 mole of carbon dioxide
(3) 4g of oxygen (4) 64 g of sulphur dioxide

21. Alkali metals cannot be prepared by the simple reduction of their oxides. Why ?
(1) The alkali metals are the strongest reducing agents
(2) The alkali metals are large in size
(3) The alkali metals have high electronegativity
(4) The alkali metals have only one valence electron

22. A water soluble compound 'XOY'on reaction with Zn, liberates hydrogen gas. It is also used in soap industry and paper making. Identify the compound.
(1) NaOH (2) $Ca(OH)_2$ (3) $CaOCl_2$ (4) $NaHCO_3$

23. An element X has electronic configuration 2, 8, 1 and another element Y has electronic configuration 2, 8, 7. They form a compound Z. The property that is not exhibited by Z is :
(1) It has high melting point.
(2) It is a good conductor of electricity in its pure solid state.
(3) It breaks into pieces when beaten with hammer.
(4) It is soluble in polar solvent.

24. A brief information about two atoms X and Y are given:
X: Atomic number = 7, Mass number = 14
Y: Atomic number = 7, Mass number = 15
Which of the following is correct about these two atoms?
(1) Electronic configuration of X is 2, 8, 4 while that of Y is 2, 8, 5.
(2) Both X and Y contain 7 neutrons.
(3) X has 2 electron shells while Y has 3 electron shells.
(4) Both X and Y have 5 valence electrons.

25. Neutron was discovered by
(1) Rutherford (2) Bohr (3) Chadwick (4) Goldstein

26. Which one of the following metal oxides shows both acidic and basic character ?
(1) CuO (2) K_2O (3) Na_2O (4) Al_2O_3

27. Which of the following statements is **INCORRECT** in accordance with a balanced chemical equation ?
(l) It represents the exact number of atoms and molecules taking part in a chemical reaction.
(2) It does not tell anything about the speed of reaction.
(3) It reveals if any reaction is explosive.
(4) None of these.

28. Which of the following reaction is not a precipitation reaction ?
(1) $AgNO_3 + NaCl \longrightarrow AgCl + NaNO_3$ (2) $Pb(NO_3)_2 + 2KI \longrightarrow PbI_2 + 2KNO_3$
(3) $FeCl_3 + 3NH_4OH \longrightarrow Fe(OH)_3 + 3NH_4Cl$ (4) $2KI + Cl_2 \longrightarrow 2KCl + I_2$

29. One molecule of an "ic" acid of a non-metal having 5 electrons in valence shell reacts with a molecule of base to form a salt "X." The base corresponds to the metal with one electron in valence shell. If the salt so formed can react with the same base in 1 : 2 ratio, predict the formula of the salt "X".
(1) K_2SO_4 (2) Na_2HPO_4 (3) KH_2PO_4 (4) Na_3PO_4

30. Take about 1g $CaCO_3$ in a test tube heat over a flame when a colourless gas comes out of reaction. Which type of reaction is this?
(1) Decomposition reaction (2) Displacement reaction
(3) Double displacement reaction (4) Combination reaction

SECTION-C : BIOLOGY

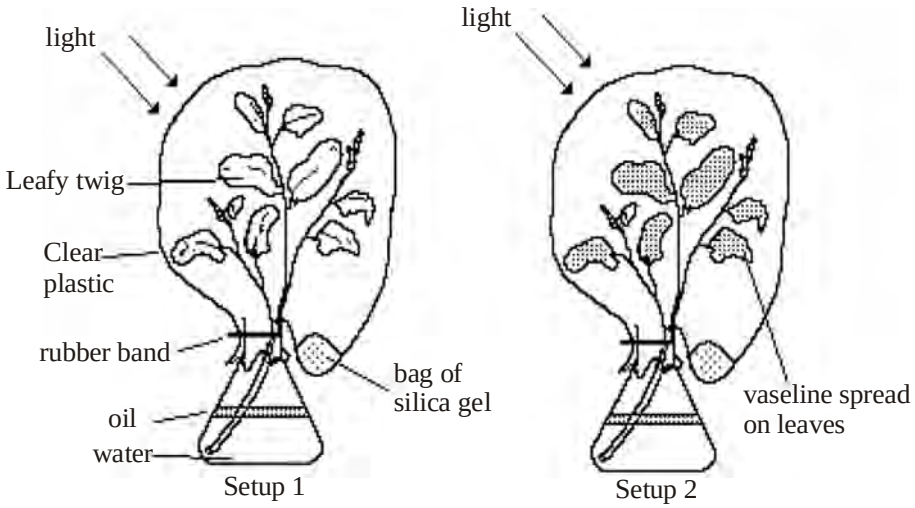
This section contains **15 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

31. (i) Cerebellum has very convoluted surface in order to provide the additional space for more neurons.
(ii) The medulla is connected to the spinal cord.
(iii) Medulla contains cardiac and respiratory centres.
Which of the above statement/s is/are correct?
(1) All are correct (2) Only (i) is correct
(3) Only (i) and (iii) are correct (4) Only (ii) is correct

32. Symptom of diphtheria is
(1) Suffocation due to blockage of air passage (2) Hydrophobia
(3) Limb paralysis (4) Gum bleeding

33. Insects have a structure analogous to the mammalian kidney called Malpighian tubules, which remove metabolic nitrogenous wastes from the insect's haemolymph. What sort of nitrogenous waste would the Malpighian tubules be removing?
(1) $C_6H_{12}O_6$ (2) Uric acid (3) CO_2 (4) Amino acid

34. In an investigation of factors affecting water loss by plants, the following two experimental setups were prepared, and were left for two hours. Conditions in the setups were similar, except for the factors noted.



Silica gel absorbs water. The silica gel was weighed before and after the two-hour period and the increase in weight was taken.

Comparison of the mass of the silica gel from setups 1 and 2 would help determine if

(1) gas exchange is necessary for photosynthesis

(2) light is necessary for photosynthesis

(3) water is lost via the leaves

(4) stomatal opening is dependent on the CO_2 concentration within the leaf

35. You need pears for a large party after three days but they are not ripe enough to use. What is the best way to hasten the ripening process?

(1) To place the pears in the dark

(2) To place the pears in a refrigerator

(3) To place the pears on the window sill

(4) To place the pears in brown paper bags together with ripe apples

36. Global warming can be controlled by

(1) Reducing reforestation, increasing the use of fossil fuel

(2) Increasing deforestation, slowing down the growth of human population

(3) Increasing deforestation, reducing efficiency of energy usage

(4) Reducing deforestation, cutting down use of fossil fuel

37. Which of the following options correctly identifies the organism shown in the figure and division it belongs to?

(1) *Spirogyra* = Thallophyta

(2) *Funaria* = Bryophyta

(3) *Sphagnum* = Bryophyta

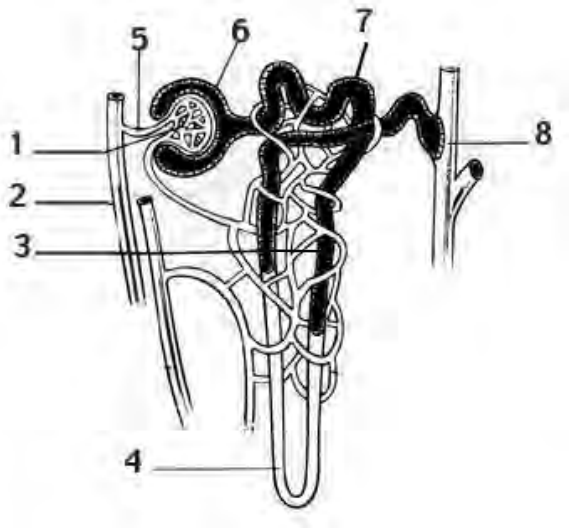
(4) *Selaginella* = Pteridophyta

38. Pulmonary artery carries deoxygenated blood from
(1) Right ventricle (2) Right atrium
(3) Left atrium (4) Left ventricle

39. During inspiration, how does alveolar pressure compare to atmospheric pressure?
(1) Alveolar pressure is greater than atmospheric pressure.
(2) Alveolar pressure is less than atmospheric pressure.
(3) Alveolar pressure is the same as atmospheric pressure.
(4) Alveolar pressure is one of the few pressures where the reference pressure is not atmospheric.

40. Identify the mismatch pair
(1) AIDS - Bacterial infection (2) Leprosy - Bacterial infection
(3) Malaria - Protozoan infection (4) Cholera - Bacterial infection

41. Refer to the following diagram and match the column with respect to functions of the various parts.



S. No.	Part	S. No.	Function
i	1	A	Ultrafiltration
ii	2	B	Absorption of water and NaCl
iii	3	C	Brings impure and oxygenated blood
iv	4	D	Collection of urine
v	5	E	increase surface area for filtration
vi	6	F	Nutrient reabsorption
vii	7	G	pass filtrate to loop of Henle
viii	8	H	act as afferent vessel

(1) i - E, ii - C, iii - G, iv - B, v - A, vi - F, vii - H, viii - D
(2) i - E, ii - C, iii - G, iv - B, v - H, vi - A, vii - F, viii - D
(3) i - E, ii - C, iii - G, iv - B, v - A, vi - H, vii - F, viii - D
(4) i - E, ii - G, iii - C, iv - B, v - A, vi - F, vii - H, viii - D

42. Maximum amount of CO_2 produced by our body is transported
(1) as bicarbonates (2) as carbonates
(3) attached to haemoglobin (4) dissolved in blood plasma

43. Totally submerged aquatic plants can cause a pH change in the surrounding water when they carry out photosynthesis. What pH change happens and what causes it?
(1) The pH falls because carbon dioxide is absorbed.
(2) The pH rises because carbon dioxide is absorbed.
(3) The pH falls because oxygen is released.
(4) The pH rises because oxygen is released.

44. Which among the following has specialised tissue for conduction of water?
(i) Thallopyta (ii) Bryophyta (iii) Pteridophyta (iv) Gymnosperms
(1) (i) & (ii) (2) (ii) & (iii) (3) (iii) & (iv) (4) (i) & (iv)

45. The numerous projections on the wall of small intestine function to
(1) Secrete digestive enzymes
(2) Increase the surface area for absorption of digested food
(3) Hold products of digestion so they do not enter the large intestine
(4) Hold mucus, so ulcers do not form

SECTION-D : MATHEMATICS

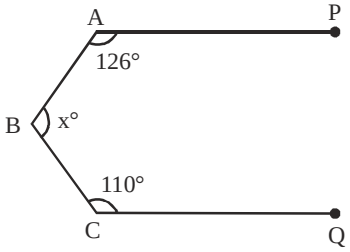
This section contains **15 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

46. An octopus has 8 tentacles and 1 head. A jellyfish has 20 tentacles and no head. A cow has 4 legs and 1 head. Farmer Brown has a total of 17 heads, 196 tentacles and 20 legs. So, how many animals does she have
(1) 20 (2) 22 (3) 30 (4) None of these

47. A deck of 100 cards is numbered from 1 to 100. Each card has the same number printed on both sides. One side of each card is red and the other side is yellow. Bobby places all the cards, red side up, on a table. He first turns over every card that has a number divisible by 2. He then examines all the cards, and turns over every card that has a number divisible by 3. How many cards have the red side up when Bobby is finished?
(1) 83 (2) 49 (3) 66 (4) 50

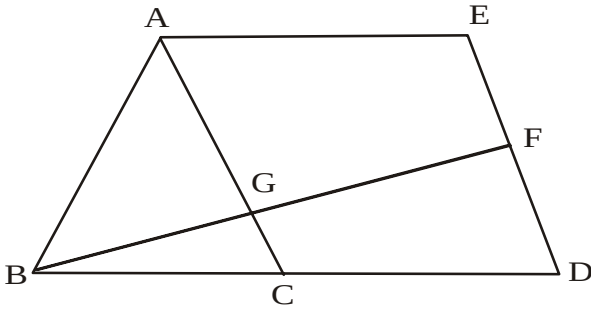
48. The three steps from solid to point are
(1) Solid - surface - line - point (2) Line - point - surface - solid
(3) Surface - point - line - solid (4) Point - surface - line - solid

49. Find x in the following figure



(1) 110° (2) 86° (3) 124° (4) 135°

50. In the given figure (not to scale), ABC is an isosceles triangle in which AB = AC. AEDC is a parallelogram. If ∠CDF = 70° and ∠BFE = 100°, then find ∠FBA.



(1) 30° (2) 40° (3) 50° (4) 80°

51. If $x^2 + y^2 - 2x + 6y + 10 = 0$, then $(x^2 + y^2)$ is,

(1) 6 (2) 10 (3) 4 (4) 8

52. If $\sin\theta - \cos\theta = \frac{3}{5}$, then $\sin\theta\cos\theta =$

(1) $\frac{16}{25}$ (2) $\frac{9}{16}$ (3) $\frac{9}{25}$ (4) $\frac{8}{25}$

53. An equilateral triangle has side $2\sqrt{3}$ cm. The radius of its circumcircle will be :

(1) 2 cm (2) $\sqrt{3}$ cm (3) 3 cm (4) 4 cm

54. Samanyu rolls a fair four sided die containing the numbers 1, 2, 3 and 4. Ram rolls a fair six-sided die containing the numbers 1, 2, 3, 4, 5 and 6. What is the probability that Samanyu rolls a larger number than Ram?

(1) $\frac{1}{8}$ (2) $\frac{5}{12}$ (3) $\frac{3}{5}$ (4) $\frac{1}{4}$

55. In a garden, a triangular piece of land has to be planted with grass which cost Rs. 5 per 100 cm^2. The sides of the triangle are 8m, 6m and 6m. Find the total cost of planting the grass. $\left(\text{Take } \sqrt{5} = 2.23\right)$

(1) Rs. 8920 (2) Rs. 7500 (3) Rs. 8000 (4) None of these

56. The length of the longest rod that can be placed in a room which is 12m long, 9m broad and 8m high is

(1) 27m (2) 19m (3) 17m (4) 13m

57. Simplify : $(x + \frac{1}{5})(x + 5)$

(1) $x^2 + 5.2x + 1$ (2) $x^2 + x + 1$ (3) $x^2 + 5.2x + 25$ (4) $x^2 + 1$

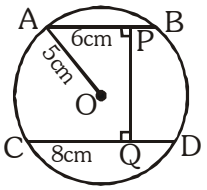
58. A flag staff of 6 m height placed on top of tower casts a shadow of $2\sqrt{3}$ m along the ground find the angles that sun make with ground.

(1) 60° (2) 30° (3) 45° (4) 75°

59. Four of the six numbers 1867, 1993, 2019, 2025, 2109 and 2121 have a mean of 2008. What is the mean of the other two numbers.

(1) 1994 (2) 2006 (3) 2022 (4) 2051

60. O is the centre of the circle with radius 5 cm. Chords AB and CD are parallel. AB = 6 cm and CD = 8 cm. If PQ is distance between AB and CD, then PQ = :



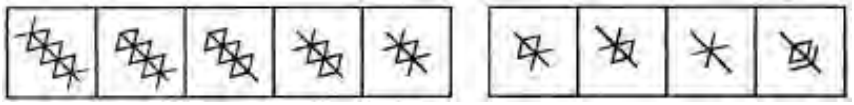
(1) 10 cm (2) 8 cm (3) 7 cm (4) $7\sqrt{2}$ cm

SECTION-E : MENTAL ABILITY

This section contains **20 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

61. In the left hand column are given problem figure and in the right hand column the answer figure. Pick up from the answer figure, one which will continue the series.

Problem Figure **Answer Figure**



(1) (2) (3) (4)

62. How many times are the hands of a clock at right angles in a day ?

(1) 24 times (2) 48 times (3) 22 times (4) 44 times

63. In the following question, an equation becomes incorrect due to the interchange of two signs. One of its four alternatives under it specifies the interchange of signs in the equation, which when put will make the equation correct. Find the correct alternative

$36-18\div4+5\times2=8$

(1) $\div$ and $\times$ (2) $-$ and $\div$ (3) $+$ and $\div$ (4) $=$ and $\times$

64. Reaching the place of meeting 10 minutes before 9:50 hrs sumit found himself thirty minutes earlier than the man who came 40 minute late. What was the scheduled time of the meeting?

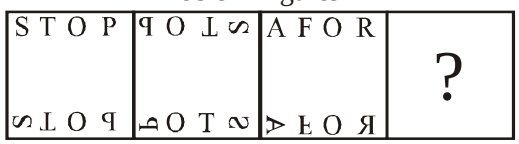
(1) 9:00 (2) 9:05 (3) 9:30 (4) 9:20

65. The angle between the minute hand and the hour hand of a clock when the time is 7 : 20 is

(1) $99\frac{1}{2}^{o}$ (2) 100^{o} (3) 135^{o} (4) $132\frac{1}{4}^{o}$

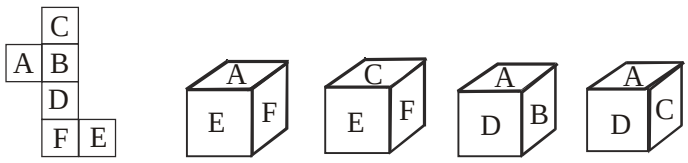
66. In the following question consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3 and 4 constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (D).

Problem Figures



(1)  (2)  (3)  (4) 

67. Which form of the dice can be made from the unfolded dice (X).



(X) (A) (B) (C) (D)

(1) A and C only (2) B and C only (3) C only (4) A and D only

68. In the given question, there are statements followed by three conclusions. To take the given statements to be true even if they seem to be at variance from commonly known facts and then decide, which of the given conclusion and logically follows from the given statements.

Statements :

All tables are jugs.
No jug is rod.
Some rods are hills.

Conclusions :

I. Some rods are tables.
II. Some jugs are tables.
III. Some hills are jugs.

(1) Only I follows (2) Only II follows (3) Only III follows (4) I and II follows

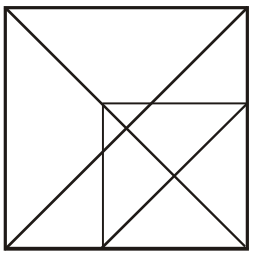
69. Read the following information and answer the question .

☞ (X × Y) → X is brother of Y.
☞ (X + Y) → X is daughter of Y.
☞ (X – Y) → X is husband of Y.

If (A + B – C), then :

(1) C is mother of A (2) C is sister-in-law of A
(3) C is aunt of A (4) C is mother-in-law of A

70. How many triangles are there in the following figure ?



(1) 15 (2) 16 (3) 18 (4) None of these

71. Introducing a girl, Vipin said, "Her mother is the only daughter of my mother-in-law". How is Vipin related to the girl ?

(1) Uncle (2) Father (3) Brother (4) Husband

72. Playback singer Mohammad Rafi died on 31st July 1980. What day of the week was it ?

(1) Tuesday (2) Wednesday (3) Thursday (4) Friday

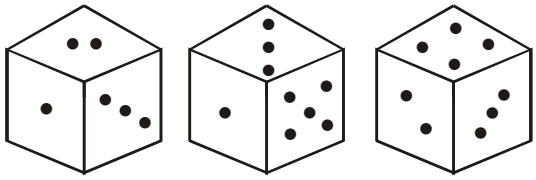
73. Ashish, Bharat, Chandan, Deepak, Esha, Firoz and Gaurav are playing cards sitting in a circle.

(i) Firoz is 2nd to the right of Gaurav.
(ii) Bharat is neighbour of Firoz but not of Esha.
(iii) Esha, neighbour of Chandan, is 4th to the right of Gaurav.
(iv) Deepak is between Esha and Ashish.

Who is fourth to the left of Gaurav?

(1) Deepak (2) Esha (3) Chandan (4) Can't be determined

74. Which number is opposite to face 3 ?

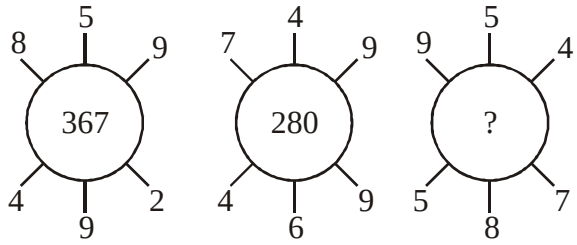


(1) 1 (2) 6 (3) 5 (4) 4

75. Veronika moved a distance of 90 metres towards the north. She then turned to the left and walking for about 35 metres, turned left again and walked 40 metres. Finally, she turned to the right at an angle of 45°. In which direction was she moving finally?

(1) North-East (2) North-West (3) South-East (4) South-West

76. Find the missing character



(1) 789 (2) 367 (3) 673 (4) None of these

77. If DIAMOND is coded as VQYMKLV, how is FEMALE coded

(1) TUMYNU (2) UVNZOV (3) UVNYNV (4) TVNYNV

78. Study the following information carefully and answer the questions given below it

A sales representative plans to visit each of six companies M, N, P, Q, R and S exactly once during the course of one day. She is setting up her schedule for the day according to the following conditions

(i) She must visit M before N and R. (ii) She must visit N before Q.

(iii) The third company she visits must be P.

The sales representative could visit any of the following companies immediately after P except.

(1) S (2) R (3) Q (4) M

79. In the following question, you are given a fig. (X) followed by four alternative figures (1), (2), (3) and (4) such that fig. (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part.

Figure (X)

(1)  (2)  (3)  (4) 

80. In the below question, there are statements followed by three conclusions. To take the given statements to be true even if they seem to be at variance from commonly known facts and then decide, which of the given conclusion and logically follows from the given statements.

Statements :

All biscuits are table.

Some tables are brushes.

All brushes are colours.

Conclusions :

I. Some colours are biscuits.

II. Some brushes are biscuits.

III. Some colours are tables.

(1) None follows (2) Only II follows (3) Only III follows (4) I and II follows

SPACE FOR ROUGH WORK

ANSWER KEY

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	4	1	1	3	2	4	2	2	3	1	1	3	4	3	1	1	3	3	1	3
Q. No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans.	1	1	2	4	3	4	3	4	3	1	1	1	2	3	4	4	1	1	2	1
Q. No.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	2	1	2	3	2	2	2	1	3	2	2	4	1	4	1	3	1	1	4	3
Q. No.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Ans.	1	4	2	3	2	1	2	2	1	4	2	3	3	2	4	2	1	4	1	3