



CLEAREXAM TALENT SUPPORT EXAM 2020

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TEST ID

9 0 3

CLASS - IX

SET

A

For CLASS IX going to Class X in 2020

Time: 3 hours

Max. Marks: 100

GENERAL INSTRUCTIONS

[A] General

1. This Question Paper contains three Sections. **Section A** - Science, **Section B** - Maths and **Section C** - Mental Ability.
2. This Question Paper contains 11 pages.
3. This Question Paper contains a total of **100** Questions. **Section A - Science [Q.1 - Q.40]**, **Section B - Mathematics [Q.41 - Q.80]** and **Section C - MAT [Q.81 - Q.100]**.
4. The Question Paper has blank spaces at the bottom of each page for rough work. No additional sheets will be provided for rough work.
5. Blank Papers, Clip Boards, Log Tables, Slide Rule, Calculators, Cellular Phones, Pagers and Electronic gadgets, in any form, are not allowed.
6. The **OMR** (Optical Mark Recognition) sheet shall be provided separately.

[B] Answering on the OMR

7. In all the parts, each question will have 4 choices, out of which, only one choice is correct.
8. Darken the bubble with Ball Pen (Blue or Black) only.

[C] Filling OMR

9. Fill in all the details in OMR Sheet properly and correctly, otherwise your OMR sheet will not be evaluated.

Note: (+1) mark will be awarded for each correct answer. There is no negative marking for incorrect answers.

Name of the Student:

Class:

Roll No.:

School:

CLEAREXAM

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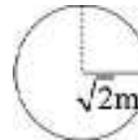
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SECTION [A] : SCIENCE

This section contains 40 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE choice is correct.

1. Path of a ball is as shown as it moves from A to B. Number of times its velocity changes is
7. An object revolves in a circle of radius $\sqrt{2}$ m in 8 minutes. In 2 minutes its displacement is



- (A) 3 (B) 4
(C) 5 (D) 7

- (A) $\sqrt{2}$ m (B) 2 m
(C) $3\sqrt{2}$ m (D) $2\sqrt{2}$ m

2. From a rifle of mass 5 kg, a bullet of mass 50g is fired with initial velocity 50 m/s. Initial recoil velocity of rifle is.

- (A) 0.25 m/s (B) 0.5 m/s
(C) 0.75 m/s (D) 1 m/s

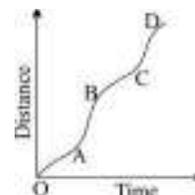
8. A bus speed changes from 36kmh^{-1} to 72kmh in 5s. Acceleration is

- (A) 5 m/s^2 (B) 2 m/s^2
(C) 2.5 m/s^2 (D) 3 m/s^2

3. Two block of mass 1 kg & 2 kg are moving with velocities 2 m/s and 5 m/s respectively. They collide & move together with velocity.

- (A) 2 m/s (B) 3 m/s
(C) 4 m/s (D) None of these

9. Distance - time graph of an object is as shown



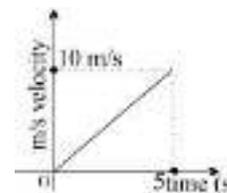
Uniform motion is represented by

- (A) OA (B) AB
(C) BC (D) CD

4. A car under uniform retardation comes to rest from 10 m/s in 5sec. distance covered in this 5sec.

- (A) 20m (B) 25m
(C) 30m (D) 35m

10. Velocity time graph of an object is as shown in figure



Distance covered in 5 seconds is

- (A) 20 m (B) 25 m
(C) 30 m (D) 45 m

5. A ball of mass 0.25kg strikes a wall and return with same speed 10 m/s. Magnitude of change in momentum is

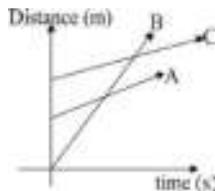
- (A) 5 kg m/s (B) 0
(C) 2.5 kg m/s (D) 10 kg m/s



Block is pulled by a force 20 N & ground exerts friction of 4N. Acceleration of block is

- (A) 10 m/s^2 (B) 6 m/s^2
(C) 6 m/s^2 (D) 8 m/s^2

Space for Rough Work

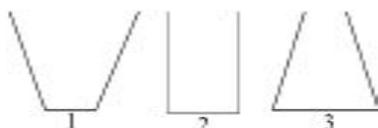


11.

which object is moving with heighest speed?

- (A) A (B) B
(C) C (D) equal in all

12. All vessels have same base area. Same amount of liquid is kept in all. Pressure at the bottom is maximum in



- (A) 1 (B) 2
(C) 3 (D) equal in all

13. An object weighs 60 N on earth. His weight on moon is [take $g = 10 \text{ m/s}^2$]

- (A) 6 N (B) 10 N
(C) 320 N (D) 360 N

14. An object weighs 10 kg on weighing machine. its actual is mass is

- (A) Slightly less (B) Slightly mere
(C) exactly 10 kg (D) 20 kg

15. Which of the following is a physical property of an element

- (A) Color (B) Ability to rust
(C) Flammability (D) Ability to tarnish

16. Which of the following is NOT a characteristic of a compound?

- (A) Has different properties from the element that formed it
(B) Pure substance made of two or more elements
(C) Different samples have different properties
(D) Can be represented by a chemical formula.

17. Based on the forces of attraction between the particles observed in salt, juice, and air the increasing order is written as

- (A) Salt > air > juice (B) air > juice > salt
(C) air < juice < salt (D) salt < juice > air

18. Rohan by mistake turned on the gas knob in kitchen, and within few seconds, the smell was felt throughout the room. This was due to the property of

- (A) Compression of LPG in the gas cylinder
(B) Gases can flow easily
(C) Gases diffuse at a faster rate
(D) Gases can mix with other gases easily

19. Which of the following atoms has two neutrons in its nucleus ?

- (A) Helium (B) Lithium
(C) protium (D) Tritium

20. The heaviest sub-atomic particle is

- (A) Photon (B) Neutron
(C) Electron (D) positron

21. The “plum pudding” model of the atom was devised by

- (A) Dalton (B) Democritus
(C) Rutherford (D) None of the above

22. Which subatomic particle identifies the isotopes?

- (A) Electrons (B) Protons
(C) Neutrons (D) Nucleons

23. Calculate the mass % of Ca in CaSO_4

- (A) 29.58% (B) 29.41%
(C) 28.54% (D) 26.29%

24. In Na_2O find the valency of Na.

- (A) 0 (B) 1
(C) 2 (D) 3

Space for Rough Work

25. Give the chemical formula of baking powder?
 (A) CaCO_3 (B) NaHCO_3
 (C) Na_2CO_3 (D) CaO
26. The mass of one molecule of water is
 (A) 18g (B) about 3×10^{-23} g
 (C) 18×10^{-22} g (D) about 3×10^{23} g
27. The number of grams present in 1 gram atom of sodium is
 (A) 1g (B) 13g
 (C) 23g (D) $\frac{1}{23}$ g
28. A cell will swell up if :
 (A) The concentration of water molecules in the cell is higher than the concentration of water molecules in surrounding medium
 (B) The concentration of water molecules in surrounding medium is higher than water molecules concentration in the cell
 (C) The concentration of water molecules is same in the cell and in the surrounding medium
 (D) Concentration of water molecules does not matter
29. Amoeba acquires its food through a process, termed
 (A) Exocytosis
 (B) Endocytosis
 (C) Plasmolysis
 (D) Exocytosis and endocytosis both
30. Kitchen of the cell is
 (A) Mitochondria
 (B) Endoplasmic reticulum
 (C) Chloroplast
 (D) Golgi apparatus
31. In which cell centriole is absent?
 (A) Plant cell (B) Animal cell
 (C) Both of above (D) None of above
32. Which of the following plant tissues causes growth in girth of stem and root ?
 (A) Apical meristem
 (B) Intercalary meristem
 (C) Lateral meristem
 (D) None of these
33. Which of the following plant tissue lacks protoplasm at maturity?
 (A) Aclerenchyma (B) Collenchyma
 (C) Parenchyma (D) Epidermis
34. The entire body surface and cavities inside the body are lined by
 (A) Muscle tissue (B) Epithelial tissue
 (C) Connective tissue (D) Nervous tissue
35. Fluid part of blood after removal of corpuscles is
 (A) Plasma (B) Lymph
 (C) Serum (D) Vaccine
36. The husk of the coconut is made up of ?
 (A) Collenchyma (B) Aclerenchyma
 (C) Apical meristem
 (D) Intercalary meristem
37. The muscular tissue which function throughout the life continuously without fatigue is
 (A) Skeletal muscle (B) Cardiac muscle
 (C) Smooth muscle (D) Voluntary muscle
38. Making antiviral drugs is more difficult than making antibacterial medicines because
 (A) Viruses make use of host machinery
 (B) Viruses are on the border line of living and non-living
 (C) Viruses have very few biochemical mechanisms of their own
 (D) Viruses have a protein coat
39. Antibodies are
 (A) Lipids (C) Proteins
 (B) Genes (D) Carbohydrates
40. Which of the following statements is correct ?
 (A) Degenerative diseases are non-communicable
 (B) Allergy is caused by droplet infection
 (C) Cholera is a viral disease
 (D) AIDS can be prevented by vaccination.

Space for Rough Work

SECTION [B] : MATHEMATICS

This section contains 40 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE choice is correct.

41. If $\sqrt{3} = 1.732$ then $\sqrt{\frac{\sqrt{3}+1}{\sqrt{3}-1}}$ is equal to
 (A) 0.5167 (B) 1.931
 (C) 0.931 (D) 3.732
42. The polynomial $11a^2 - 12\sqrt{2}a + 2$ on factorization gives.
 (A) $(11a + \sqrt{2})(a - \sqrt{2})$
 (B) $(a - \sqrt{2})(11a - \sqrt{2})$
 (C) $(a + 11)(a + \sqrt{2})$
 (D) $(11a - \sqrt{2})(a + \sqrt{2})$
43. The median of the data 78, 56, 22, 34, 45, 54, 39, 68, 54, 84 is
 (A) 45 (B) 49.5
 (C) 54 (D) 56
44. Between two rational numbers
 (A) There is exactly one rational number
 (B) There is no rational number.
 (C) There are only rational numbers and no irrational number
 (D) There are infinitely many rational and irrational numbers
45. $\sqrt[4]{\sqrt[3]{9^2}}$ equals
 (A) 9^{-3} (B) 3^{-3}
 (C) 3^3 (D) 9^{24}
46. $\frac{(x+y)^3 + (x-y)^3}{2} - y(3x^2 + y^2) = \underline{\hspace{2cm}}$
 (A) $x^3 - y^3$ (B) $(x-y)^3$
 (C) $2x^3 - 3x^2y$ (D) $x^3 - 6xy^2$
47. If $\triangle ABC \cong \triangle PQR$ and $\triangle ABC$ is not congruent to $\triangle RPQ$ then which of the following is not true
 (A) $AC = PR$ (B) $QR = BC$
 (C) $AB = PQ$ (D) $BC = PQ$
48. Find the incorrect statement
 (A) A Trapezium is a quadrilateral, having one pair of opposite sides parallel.
 (B) A parallelogram is a quadrilateral with both pairs of opposite sides parallel.
 (C) Rhombus is a quadrilateral, whose all the sides are equal and each angle is 90° .
 (D) All angles in a rectangle are 90°
49. Diagonal of a parallelogram ABCD intersect at O. If $\angle BOC = 90^\circ$ and $\angle BDC = 50^\circ$ then $\angle OAB$ is
 (A) 90° (B) 50°
 (C) 40° (D) 10°
50. The median of a triangle divides it into two
 (A) Triangles of equal area
 (B) congruent triangles
 (C) right triangles
 (D) isosceles triangles

Space for Rough Work

51. ABCD is a quadrilateral whose diagonal AC divides it in two parts, equal in area then ABCD is
 (A) a rectangle (B) always a rhombus
 (C) is a parallelogram (D) None of these
52. Two sides of triangle are of length 4cm and 2.5 cm the length of the third side of the triangle cannot be
 (A) 1.4 cm (B) 2.8 cm
 (C) 1.9 cm (D) 1.6 cm
53. In a triangle ABC, $\angle A + \angle B = 144^\circ$ and $\angle A + \angle C = 124^\circ$ then $\angle B$?
 (A) 56° (B) 60°
 (C) 65° (D) 45°
54. If a triangle and parallelogram are one the same base and between same parallels, then the ratio of area of the triangle to the area of parallelogram is
 (A) 1 : 3 (B) 1 : 2
 (C) 3 : 1 (D) 1 : 4
55. The figure obtained by going by joining the mid-points of the adjacent figures of a rectangle of sides 8 cm and 6 cm is
 (A) A rectangle of area 24cm^2
 (B) A square of area 25cm^2
 (C) A trapezium of area 24cm^2
 (D) A rhombus of area 24cm^2
56. In a frequency distribution, the mid value of a class is 10 and the width of the class is 6. The lower limit of the class is
 (A) 6 (B) 7
 (C) 8 (D) 12
57. Find the probability that a non-leap year contains exactly 53 sundays.
 (A) $\frac{6}{7}$ (B) $\frac{52}{365}$
 (C) $\frac{1}{7}$ (D) None
58. The marks obtained by 17 students in a mathematics test (out of 100) are given below
 91, 82, 100, 100, 96, 65, 82, 76, 79, 90, 46, 64, 72, 68, 66, 48, 49. The range of the data is
 (A) 46 (B) 54
 (C) 90 (D) 100
59. A coin is tossed 1000 times. Head occurred 625 times. Find the probability of getting a tail
 (A) $\frac{5}{8}$ (B) $\frac{7}{8}$
 (C) $\frac{1}{8}$ (D) $\frac{3}{8}$
60. The following are the steps involved in factorizing $64x^6 - y^6$. Arrange them in sequential order
 A. $\{(2x)^3 + y^3\}\{(2x)^3 - y^3\}$
 B. $(8x^3)^2 - (y^3)^2$
 C. $(8x^3 + y^3)(8x^3 - y^3)$
 D. $(2x + y)(4x^2 - 2xy + y^2)(2x - y)(4x^2 + 2xy + y^2)$
 (A) BADC (B) BDAC
 (C) BCAD (D) BACD
61. The value of

$$\frac{1}{1+\sqrt{2}} + \frac{1}{\sqrt{2}+\sqrt{3}} + \frac{1}{\sqrt{3}+\sqrt{3}} + \frac{1}{\sqrt{4}+\sqrt{5}}$$

$$+ \frac{1}{\sqrt{5}+\sqrt{6}} + \frac{1}{\sqrt{6}+\sqrt{7}} + \frac{1}{\sqrt{7}+\sqrt{8}} + \frac{1}{\sqrt{8}+\sqrt{9}}$$
 is
 (A) 0 (B) 1
 (C) 2 (D) 4

Space for Rough Work

62. Which one of the following statements is NOT correct?
- (A) If 'a' is a rational number and 'b' is irrational, then $a + b$ is irrational.
- (B) The product of a non-zero rational number with an irrational number is always irrational.
- (C) Addition of any two irrational numbers can be rational
- (D) Division of any two integers is an integer.

63. If 'a' and 'b' are two rational numbers and

$$\frac{2 + \sqrt{3}}{2 - \sqrt{3}} = a + b\sqrt{3}, \text{ then } b = \underline{\hspace{2cm}}$$

- (A) 4 (B) 7
(C) 6 (D) 8

64. The ascending order of the surds $\sqrt[3]{2}, \sqrt[4]{3}, \sqrt[3]{4}$ is _____

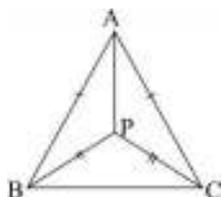
- (A) $\sqrt[4]{4}, \sqrt[4]{3}, \sqrt[3]{2}$ (B) $\sqrt[4]{4}, \sqrt[3]{2}, \sqrt[4]{3}$
(C) $\sqrt[3]{2}, \sqrt[4]{3}, \sqrt[4]{4}$ (D) $\sqrt[4]{3}, \sqrt[4]{4}, \sqrt[3]{2}$

65. The greater number between $\sqrt{17} - \sqrt{12}$ and $\sqrt{11} - \sqrt{6}$ is _____.

- (A) $\sqrt{17} - \sqrt{12}$ (B) $\sqrt{11} - \sqrt{6}$
(C) Both are equal (D) Can't compare

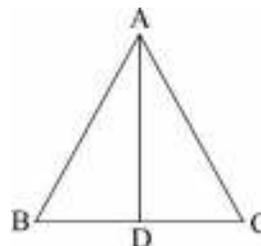
66. In the given figure, $\triangle ABC$ and $\triangle PBC$ are two isosceles triangles on the same base BC and vertices A and P are on the same side of BC, A and P are joined, then

- (A) $\angle BPA = \frac{1}{2} \angle BAC$
(B) $\angle BAP = \frac{1}{2} \angle BAC$



- (C) $\angle CPA = \frac{1}{2} \angle BAC$
(D) $\angle BAP = 2 \angle BAC$

67. In the given figure, AD is the bisector of $\angle A$ and $AB = AC$. Then $\triangle ACD, \triangle ABD$ are congruent by which criterion?

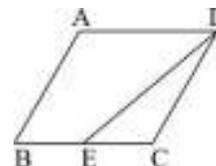


- (A) AAA (B) SAS
(C) ASA (D) Both (B) and (C)

68. Find the area of a trapezium ABCD in which $AB \parallel DC$, $AB=77$ cm, $BC = 25$ cm, $CD = 60$ cm and $DA = 26$ cm.

- (A) 204 cm^2 (B) 1644 cm^2
(C) 1645 cm^2 (D) 1600 cm^2

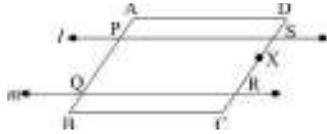
69. In the given figure, if ABCD is a parallelogram and E is the mid-point of BC, then $\text{ar}(\triangle DEC) = k \text{ ar}(ABCD)$. Find k.



- (A) 2 (B) $\frac{1}{4}$
(C) $\frac{1}{2}$ (D) $\frac{2}{3}$

Space for Rough Work

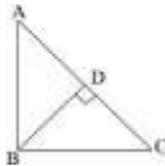
70. ABCD is parallelogram. Two lines l and m are parallel to AD. Line l meets AB and CD at P and S respectively. Line m meets AB and CD at Q and R respectively. X is any point on CD between R and S.



If $\text{ar}(\triangle DPX) + \text{ar}(\triangle CQX) = k \text{ar}(ABCD)$, find k .

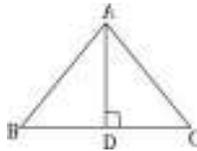
- (A) $\frac{2}{3}$ (B) $\frac{3}{2}$
 (C) $\frac{1}{2}$ (D) $\frac{1}{3}$

71. $\angle ABC$ and $\angle BDC$ are two right angles. If $AD = 9\text{cm}$, $DC = 16\text{cm}$ and $AB = 15\text{cm}$, then the length of BD is _____



- (A) 12 cm (B) 16 cm
 (C) 15 cm (D) 25 cm

72. In $\triangle ABC$, If AD divides BC in the ratio $m:n$, then area of $\triangle ABD$: area of $\triangle ADC$ is _____.



- (A) $n:m$ (B) $m:n$
 (C) $(m+1):n$ (D) $m:(n+1)$

73. Rational number $-\frac{18}{5}$ lies between consecutive integers _____.

- (A) -2 and -3 (B) -3 and -4
 (C) -4 and -5 (D) -5 and -6

74. If $x = \frac{\sqrt{3}+1}{2}$, then the value of

$$4x^3 + 2x^2 - 8x + 7 \text{ is}$$

- (A) 10 (B) 8
 (C) 6 (D) 4

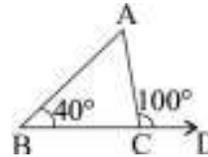
75. $\frac{7\sqrt{3}}{(\sqrt{10}+\sqrt{3})} - \frac{2\sqrt{5}}{(\sqrt{6}+\sqrt{5})} - \frac{3\sqrt{2}}{(\sqrt{15}+3\sqrt{2})} = \dots$

- (A) 1 (B) 2
 (C) $\frac{1}{2}$ (D) 3

76. The value of $\left(\sqrt[3]{27} - \sqrt{6\frac{3}{4}}\right)^2$ equals _____.

- (A) $\frac{\sqrt{3}}{2}$ (B) $\frac{3}{2}$
 (C) $\frac{\sqrt{3}}{4}$ (D) $\frac{3}{4}$

Direction (77-78) : Answer the questions based on the given figure

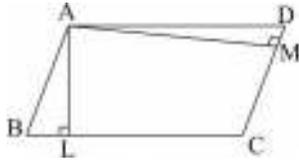


77. AB is
 (A) Greater than AC (B) Equal to AC
 (C) Less than AC (D) None of these

78. BC is _____ AC and AB respectively.
 (A) Greater than, Less than
 (B) Equal to, Less than
 (C) Greater than, Equal to
 (D) Less than, Equal to

Space for Rough Work

79. In the given figure, ABCD is a parallelogram, $AL \perp BC$, $AM \perp CD$, $AL = 4$ cm and $AM = 5$ cm. If $BC = 6.5$ cm, then find CD.



- (A) 5.2 cm (B) 8.7 cm
(C) 6.5 cm (D) 3.3 cm

80. Which one of the following statements is NOT correct?
(A) Every integer is a rational number
(B) Every natural number is an integer
(C) Every natural number is real number
(D) Every real number is a rational number.

SECTION [C] : MENTAL ABILITY TEST [MAT]

This section contains 20 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE choice is correct.

81. Oxygen : Burn :: Carbon dioxide?
(A) Isolate (B) Foam
(C) Extinguishes (D) Explode

Direction (86-89) : Choose the correct alternative that will continue the same pattern and replace question mark ?

82. XMAE : 16 :: VTNG : ?
(A) 21 (B) 17
(C) 35 (D) 18

86. $7\frac{1}{7}, 8\frac{2}{6}, 9\frac{5}{5}, 12\frac{2}{4}, 16\frac{2}{3}, ?$
(A) $15\frac{2}{4}$ (B) $16\frac{4}{4}$

83. In the following letter series, how many M's are followed by N, but not preceded by N?
NMWVMNMVWNMNMNMMNWVMN
(A) 1 (B) 2
(C) 3 (D) 4

- (C) 35 (D) $\frac{50}{2}$

84. If 'MACHINE' is coded as 19-7-9-14-15-20-11, then how will you code 'DANGER' in the same code
(A) 11-7-20-16-11-24
(B) 13-7-20-9-11-25
(C) 10-7-20-13-11-24
(D) 13-7-10-11-25

87. 24,35,20,31,16,27, ?
(A) 5,30 (B) 12,23
(C) 8,25 (D) 9,9

85. If in a certain code language 'DASHE' is '21845', then how would 'SHADE' be written in that same code language?
(A) 84125 (B) 84215
(C) 84152 (D) 84124

88. SHG, RIF, QJE, PKD, ?
(A) NME (B) NLB
(C) OLE (D) OLC

89. FLU, GMV, HNW, IOX, ?
(A) JYP (B) WYP
(C) WPY (D) JPY

90. 1. Lung 2. Nostrils
3. Windpipe 4. Blood
(A) 1,2,3,4 (B) 2,3,1,4
(C) 1,3,4,2 (D) 4,3,2,1

Space for Rough Work



91.

- (A) 66 (B) 72
(C) 61 (D) 78

92. Raja walks slower than Raghu and Raghu walks as fast as Goru and Krishna walks faster than Goru. Who walks the fastest?

- (A) Raghu
(B) Raja
(C) Krishna
(D) Both Raghu and Goru

93. A is the brother of B, B is the daughter of c and D is the father of A. Then, how is C related to D?

- (A) Husband (B) Wife
(C) Granddaughter (D) Grandfather

94. If 'a' represents \div , 'b' represents $+$, 'c' represents $-$, and 'd' represents \times , then $24a 6d 4b 9c 8 = ?$

- (A) 20 (B) 19
(C) 6 (D) 17

95. A child was looking for his father. he went 90 m towards East before turning to his right. Then, he went 20m before turning to his right again to look for his father at his uncle's place 30 m from this point. his father was not there. Then, he went 100 m to the North before meeting his father in a street. how far from the starting ponit did the son meet his father?

- (A) 80m (B) 100m
(C) 140m (D) 200m

96. In a month of 31 days, third Thursday falls on 16th. What will be the last day of the month?

- (A) 5th Friday (B) 4th saturday
(C) 5th Wednesday (D) 5th Thursday

97. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g. 'A' can be represented by 01, 20, 42 etc. and H can be represented by 65, 57, 98 etc. Similarly, you have to identify the set for the word 'FAITH'

Matrix I

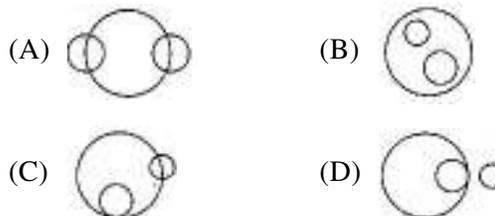
	0	1	2	3	4
0	F	A	N	O	I
1	I	O	F	A	N
2	A	N	O	I	F
3	O	F	I	N	A
4	N	I	A	F	O

Matrix II

	5	6	7	8	9
5	S	E	H	B	T
6	H	S	E	T	B
7	B	T	S	E	H
8	E	H	T	B	S
9	T	S	E	H	B

- (A) 24,31,10,59,57 (B) 12,20,40,68,65
(C) 31,34,23,76,79 (D) 43,42,41,78,89

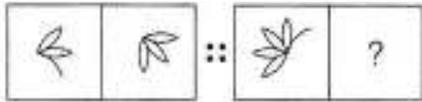
98. Which of the following figures represents the relation between Currency, Rupee and Dollar?



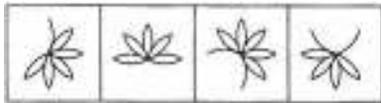
Space for Rough Work

Direction (99-100) : The second figure in the first part of the problem figures bears certain relationship to first figure ; similarly you have to select a figure from the set of answer figure which would replace the question marks (?)

99. **Problem figures**



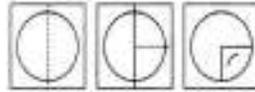
Answer Figures



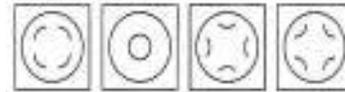
(A) (B) (C) (D)

100. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened

Problem Figures



Answer Figure



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



Space for Rough Work