Aakash

Medical | IIT-JEE | Foundations

(Divisions of Aakash Educational Services Pvt. Ltd.)

Time : 90 Min.

Answers & Solutions

for

NTSE (Stage-I) 2017-18

PART-I : Scholastic Aptitude Test (SAT)

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES

1. Use blue/black ball point pen only. There is no negative marking.

2. There are 100 questions in this test. The questions are arranged in the following order :

   - Questions 1 to 40 belong to Science subjects
   - Questions 41 to 60 are on Mathematics
   - Questions 61 to 100 are on Social Science

3. Select the most suitable answer for each questions and completely darken the circle corresponding to the correct alternative as shown below :

   Example :

Q. No.	Alternatives
Correct way : 1	① ② ● ④
Q. No.	Alternatives
Wrong way : 1	⊗ ⊘ ③ ④

4. All questions carry ONE MARK each.

5. There is no negative mark. Every correct answer will be awarded one mark.

6. Do not write your name on any part of the question booklet or on the answer sheet.

PART-I : SCIENCE

1. Identify the wrongly matched pairs.

    a. Monocyte — Actively phagocytic

    b. Thrombocyte — Produces antibodies

    c. Lymphocyte — Initiates blood clotting

    d. Eosinophil — Associated with allergy

    (1) (a) and (b)

    (2) (b) and (c)

    (3) (a) and (d)

    (4) (c) and (d)

Answer (2)

Sol. Thrombocyte is for clotting mechanism & lymphocytes are responsible for antibody production.

2. The bacteria used for scavenging oil spills by digesting hydrocarbons of crude oil

    (1) Rhizobium meliloti

    (2) Bacillus thuringiensis

    (3) Pseudomonas putida

    (4) Escherichia Coli

Answer (3)

Sol. "Pseudomonas putida / superbug helps in removing oils spills from the contamenated sea water.

Rhizobium – Symbiotic bacteria

Bacillus – Used in biotechnology

E. Coli – Common bacteria in human small intestine.

3. Pickout the feature of dicot plant.

    (1) Leaves are isobilateral

    (2) Mesophyll is undifferentiated

    (3) Roots show secondary growth

    (4) Vascular bundles are closed

Answer (3)

Sol. Dicot root can show secondary growth to form secondary phloem and secondary xylem.

4. Which is NOT TRUE about Meiosis?

    (1) Meiosis reduces the number of chromosomes to half

    (2) Meiosis occurs during gametogenesis

    (3) Meiosis I results in two daughter cells

    (4) Meiosis I is similar to Mitosis

Answer (4)

Sol. Meiosis II is equal to mitosis but not Meiosis I because it is a reductional division

5. The plant that shows hydrophily

    (1) Vallisneria   (2) Maize

    (3) Pea   (4) Rafflesia

Answer (1)

Sol. Maize – Wind pollination

Pia – By insects,

Rafflesia – By elephants

6. Which one of the following is NOT associated with the process of hearing?

    (1) Tympanum

    (2) Semicircular canals

    (3) Cochlea

    (4) Auditory Canal

Answer (2)

Sol. Semicircular canals present in inner ear balances along with the cerebellum of the brain

7. The skeletal joint that enables movement in only one direction is

    (1) Hinge joint   (2) Ball and socket joint

    (3) Gliding point   (4) Pivot joint

Answer (1)

Sol. "Hinge joint (Both Elbow and knee joint)"

Ball & socket in shoulder and Pelvic / Hip joint

Gliding – Carpals

Pivot – Between Atlas & axis as well as radius and ulna

8. The part of the nucleus that plays a major role in the synthesis of ribosomes

    (1) Chromatin reticulum

    (2) Nuclear pore

    (3) Nucleoplasm

    (4) Nucleolus

Answer (4)

Sol. It is a ribosome factory produces ribosomes in it.

9. Which is a fungal disease?

    (1) Athlete's foot

    (2) Filariasis

    (3) Measles

    (4) Rabies

Answer (1)

Sol. Filariasis – Helminth disease

    Measles / Rabies – Viral disease.

10. Identify the statements related to dark reaction of photosynthesis.

    a. Takes place in the stroma

    b. Formation of ATP

    c. Formation of glucose

    d. Evolution of oxygen

    (1) (a) and (b)

    (2) (b) and (c)

    (3) (a) and (c)

    (4) (b) and (d)

Answer (3)

Sol. In Photosynthesis dark reaction takes place in the stroma where CO_2 get reduced to form glucose.

11. Whic option indicates the parts of gynoecium?

    (1) Pollen grain, filament, ovary, tube nucleus

    (2) Polar nuclei, stigma, ovule, style

    (3) Style, stamen, stigma, generative nucleus

    (4) Ovary, anther, filament, polar nuclei

Answer (2)

12. Which is NOT TRUE about lactic acid fermentation?

    (1) Glycolysis is the initial phase

    (2) Glucose is broken down incompletely

    (3) Only two ATP molecules are generated

    (4) Carbon dioxide is liberated

Answer (4)

Sol. No CO_2 is released during lactic acid fermentation as it is a anaerobic respiration takes place in lactic acid bacteria as well as the skeletal muscles of human in which pyruvic acid is converted to lactic acid and releases two molecues of ATP.

Pyruvic acid $\xrightarrow{\text{Lactate dehydrogenase}}$ Lactic acid + 2ATP
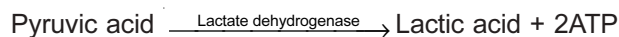
13. Match the items in Column – I with Column – II and select the correct option from those given below.

Column – I		Column – II
a. Mutualism	i.	Lion and Rabbit
b. Commensalism	ii.	Loranthus on Mango tree
c. Parasitism	iii.	Flower and butterfly
d. Predation	iv.	Vanda on Ficus tree

    (1) a – iv   b – iii   c – i   d – ii

    (2) a – iii   b – iv   c – ii   d – i

    (3) a – ii   b – i   c – iv   d – iii

    (4) a – iii   b – iv   c – i   d – ii

Answer (2)

14. The hormone that promotes lactation and stimulates the uterus to contract

    (1) Calcitonin

    (2) Thyroxine

    (3) Oxytocin

    (4) Vasopressin

Answer (3)

Sol. Calcitonin – Calcium balance

    Thyroxin – Metabolism

    Vasopressin – Water balance

15. A box measures 10 cm × 11.2 cm × 10 cm. Assume that this box is filled with neon gas at 1 atm pressure and 273 K temperature. How many electrons will be there in the box?

    (1) 6.022×10^{23}

    (2) 3.011×10^{23}

    (3) 6.022×10^{22}

    (4) 3.011×10^{22}

Answer (2)

Sol. Volume = 10 cm × 11.2 cm × 10 cm

= 1120 cm^3

neon atomic number = 10

each atom contains = 10 electrons

22400 cm^3 → 10 × 6.022 × 10^{23} electrons

1120 cm^3 → x = ?

$$x = \frac{1120 \times 10 \times 6.022 \times 10^{23}}{2240} \text{ electrons}$$

= 3.011 × 10^{23} electrons

16. The key step for the manufacture of sulphuric acid by contact process is given below.

$2SO_{2(g)} + O_{2(g)} \rightleftharpoons 2SO_{3(g)} + \text{heat}$

Which of the following are favourable for the contact process?

A. Pressure of 2 atm and temperature of about 450ºC

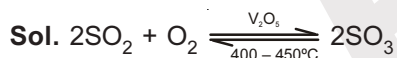B. Removal of SO_2 and O_2

C. Use of V_2O_5 as catalyst

D. Removal of SO_3

Choose the correct alternative

(1) (A) and (B)　　　(2) (A), (B) and (C)

(3) (B), (C) and (D)　　　(4) (A), (C) and (D)

Answer (4)

Sol. $2SO_2 + O_2 \xrightleftharpoons[400-450ºC]{V_2O_5} 2SO_3$

1 – 2 atm

Decrease the concentration of product, favour the forward reaction

17. Which of the following sets contain molecules with double or triple bonds?

A. H_2, Br_2, H_2O, NH_3

B. F_2, O_2, CO_2, Cl_2

C. CO_2, N_2, H_2, NH_3

D. NH_3, Cl_2, CH_4, CCl_4

(1) (A) and (C)　　　(2) (B) and (C)

(3) (A) and (D)　　　(4) (B) and (D)

Answer (2)

Sol. O = O double bond

O = C = O double bond

N ≡ N triple bond

18. The number of electrons present in d-subshell of copper atom

(1) 3　　　　　(2) 9

(3) 10　　　　(4) 8

Answer (3)

Sol. $_{29}Cu$: [Ar] $4s^2 3d^9$ × less stable

[Ar] $4s^1 3d^{10}$ √ morestable

s orbital is half filled

d orbital is fully failled : extrastability

19. Match the following :

a. Eye wash　　　　i. Carbonic acid

b. Food preservation　ii. Tartaric acid

c. Baking power　　iii. Citric acid

d. Flavouring drinks　iv. Boric acid

　　　　　　　　v. Oxalic acid

Select the correct alternative.

(1) a – iv　　b – iii　　c – ii　　d – i

(2) a – iii　　b – ii　　c – v　　d – iv

(3) a – iv　　b – iiii　　c – ii　　d – v

(4) a – v　　b – iii　　c – ii　　d – i
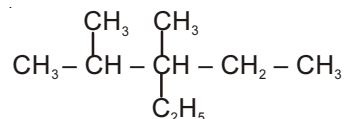
Answer (1)

Sol. Eye wash – Boric acid

Food preservation – Citric acid

Baking powder – Tartaric acid

Flavouring drinks – carbonic acid

20. Which of the following is the IUPAC name of the compound?

$$CH_3 - \underset{\underset{}{CH}}{\overset{\overset{CH_3}{|}}{}} - \underset{\underset{C_2H_5}{|}}{\overset{\overset{CH_3}{|}}{CH}} - CH_2 - CH_3$$

(1) 3 – Ethyl – 2, 3 – dimethyl pentane

(2) 3 – Ethyl – 2, 3 – dimethyl hexane

(3) 3 – Ethyl – 3, 4 – dimethyl pentane

(4) 3 – Ethyl – 3, 4 – dimethyl pentane

Answer (1)

Sol. Step 1 : Identifying the long chain

Step 2 : Numbering according to lowest locant rule

Step 3 : Identifying the branches [alphabetical order]

3–Ethyl–2, 3–dimethyl pentane

21. Liquid ammonia bottles are cooled before opening the seal. Which of the following laws is applied here?

    (1) Boyle's law

    (2) Charle's law

    (3) Avogadro's law

    (4) Graham's law

Answer (4)

22. The components of the alloy used for making permanent magnets

    (1) Fe, Cr, Ni and C

    (2) Fe, Co, Ni and Al

    (3) Fe, Ni, Cu and C

    (4) Fe, Cu, Cr and C

Answer (2)

Sol. AlNiCo, Aluminium, Nickel, Cobalt, Iron

23. Which of the following are true?

    A. Ionisation energy increases from left to right across a period

    B. Atomic size decreases on going down a group

    C. Metallic character decreases from left to right across a period

    D. Electronegativity increases on going down a group

    (1) (A) and (B)

    (2) (A) and (D)

    (3) (B) and (D)

    (4) (A) and (C)

Answer (4)

Sol. * Ionisation energy increases from left to right across a period due to decrease in the size of atom from left to right.

  * Atomic size increases on going down a group because, increase in no. of shell

  * Metallic character decreases from left to right across a period, because electropositive character decreases across a period, [tendency to donate $\bar{e}$ decreases across a period]

  * Electronegativity decreases on going down a group

24. Type of isomerism exhibited by the compound C_4H_8

    (1) Chain isomerism only

    (2) Chain isomerism and position isomerism

    (3) Position isomerism only

    (4) Functional isomerism only

Answer (2)

Sol. $C_4H_8 \approx C_nH_{2n} \Rightarrow$ Alkene

$CH_3 - CH = CH - CH_3$ But–2–ene   (+ve isomer)

$CH_3 - CH_2 - HC = CH_2$ But-1-ene   (+ve isomer)

$CH_3 - C = CH_2$ 2–methylpropene   (chain isomer)
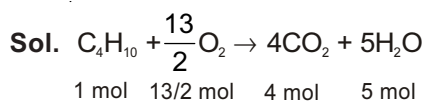$\quad\quad\quad |$
$\quad\quad CH_3$

25. Which of the following methods is used for the concentration of the ore galena?

    (1) Froth floatation

    (2) Magnetic separation
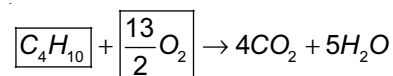
    (3) Leaching

    (4) Gravity separation method

Answer (1)

Sol. Galena – Froth floatation

26. The number of moles of O_2 required for the complete combustion of 11.6 g of butane

    (1) 6.5 mol O_2 (2) 11.6 mol O_2

    (3) 13 mol O_2 (4) 1.3 mol O_2

Answer (4)

Sol. $C_4H_{10} + \dfrac{13}{2}O_2 \to 4CO_2 + 5H_2O$

  $\quad$ 1 mol   13/2 mol   4 mol   5 mol

Given, $\dfrac{11.6g}{58g}\,mol$

$\boxed{C_4H_{10}} + \boxed{\dfrac{13}{2}O_2} \to 4CO_2 + 5H_2O$

given, 0.2 mol

for 1 mol butane ; $\dfrac{13}{2}$ mol O_2 required

for 0.2 mol butane ; $\dfrac{13}{2} \times 0.2$ mol O_2 required

$\quad\quad\quad\quad\quad = 1.3$ mol O_2

27. The gas produced when manganese dioxide is treated with hydrochloric acid

(1) Cl_2 (2) O_2

(3) H_2 (4) H_2O

Answer (1)

Sol. $MnO_2 + 4HCl_{(dil)} \rightarrow MnCl_2 + \boxed{Cl_2} + 2H_2O$
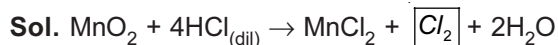
Gas produced : Cl_2 (chlorine)

28. Which of the following does NOT describe a ray that can be drawn for a concave mirror?

(1) An incident ray through the centre of curvature, reflecting right back through the centre of curvature

(2) An incident ray through the centre of curvature, reflecting through the focal point

(3) An incident ray through the focal point, reflecting parallel to the principal axis

(4) An incident ray parallel to the principal axis, reflecting through the focal point

Answer (2)

Sol. Conceptual

29. The potential difference between the points P and Q for the given network is
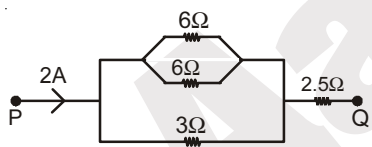
(1) 8 V   (2) 35 V

(3) 1 V   (4) 7 V

Answer (1)

Sol. $V = i R_{eff}$

$V = 2 \times 4$

$= 8$ Volt

30. Which of the following statements about mass is false?

(1) Mass remains constant at any place on the Earth

(2) SI unit of mass is kg

(3) Mass of an object can be measured using spring balance

(4) Mass is a fundamental quantity

Answer (3)

Sol. Spring balance can measure weight but not mass

31. The SI Unit of specific heat capacity of a substance is

(1) $Jkg^{-1}K^{-1}$ (2) $Calkg^{-1}$

(3) Jkg^{-1} (4) $CalkgK^{-1}$

Answer (1)

Sol. Specific Heat capacity = $\dfrac{\text{Heat Energy}}{\text{Mass} \times \Delta t}$ $J\ kg^{-1}\ K^{-1}$
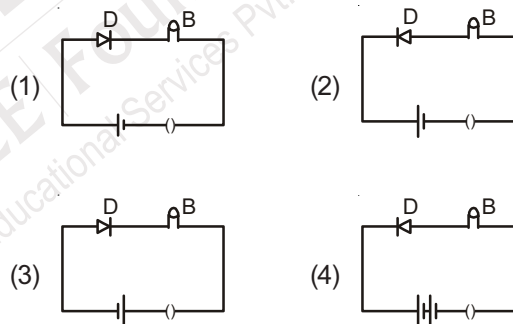
32. In a transformer the number of turns of primary coil and secondary coil are 5 and 4 respectively. If 240 V is applied to the primary coil, the ratio of current in primary coil and secondary coil is

(1) 5 : 4   (2) 5 : 10

(3) 4 : 5   (4) 8 : 12

Answer (3)

Sol. $\dfrac{I_p}{I_s} = \dfrac{V_s}{V_p} = \dfrac{N_s}{N_p} = \dfrac{4}{5}$

33. Identify the circuit in which the diode is forward biased.

Answer (1)

Sol. Conceptual

34. A particle of mass 100 g is thrown vertically upwards at an initial speed of 5 m/s. The work done by the force of gravity during the time the particle goes up is

(1) 1.25 J   (2) 0.5 J

(3) – 0.5 J   (4) – 1.25 J

Answer (4)

Sol. Work done by gravity = increase in K.E = decrease in P.E

$= K.E - K.E :$

$= 0 - \dfrac{1}{2} \ 100 \times 10^{-3} \times 5^2$

$= -1.25$ J

35. On a stationary sail boat air is blown from a fan attached to the boat. The boat will

    (1) Not move

    (2) Spin around

    (3) Move in the direction in which air is blown

    (4) Move in the direction opposite to that in which air is blown

Answer (1)

Sol. Internal forces can't change position of boat.

36. Sound signals were sent down from a ship return after 2s. Find out the septh of the sea, if the speed of sound in water is 1.5 km/s?

    (1) 3 km

    (2) 150 m

    (3) 300 m

    (4) 1.5 km

Answer (4)

Sol. $v = \dfrac{\text{distance}}{\text{time}} \Rightarrow 1.5 \times 10^3 = \dfrac{2d}{2} \Rightarrow d = 1.5km$

37. An ice cube is suspended in vacuum in a gravity free hall. As the ice melts it

    (1) Will retain its cubical shape

    (2) Will change its shape to spherical

   (3) Will fall down on the floor of the hall

    (4) Will fly up
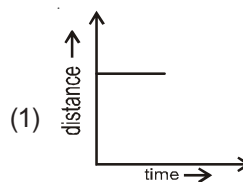
Answer (2)

Sol. Water formed changes to spherical due to surface tension

38. When a glass rod rubbed with silk is brought near the cap of an electroscope, then

    (1) The leaf has an induced negative charge

    (2) No charge is induced on the leaves

    (3) Positive charge is induced on one leaf and negative charge on the other leaf

    (4) The leaf has an induced positive charge

Answer (4)

39. Which one of the following graphs shown below represents uniform speed?
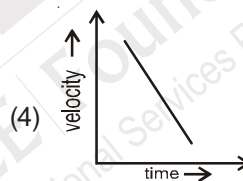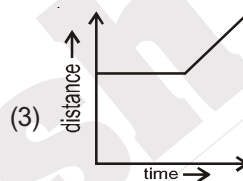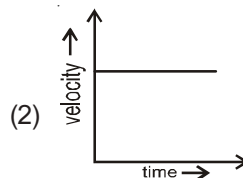
Answer (2)

Sol. Conceptual

40. An iron ball and a wooden ball of same radius are released from a height h in vacuum. The time taken by both of them to reach the ground are

    (1) Roughly equal

    (2) Exactly equal

    (3) Not equal

    (4) Equal only at the equator

Answer (2)

Sol. $s = ut + \dfrac{1}{2}at^2$

$\Rightarrow t = \sqrt{\dfrac{2s}{a}} = \sqrt{\dfrac{2h}{g}}$

as his same for both, 't' is also same.

PART-II : MATHEMATICS

41. What is the smallest number whichleaves the same remainder 1 on division by 18, 24, 30, 42 ?

    (1) 2519
    (2) 2520
    (3) 2521
    (4) 2522

Answer (3)

Sol. Hint:- Divisibility of 2,3

42. What is the sum of all factors of 256 ?

    (1) 511
    (2) 512
    (3) 1023
    (4) 1024

Answer (1)

Sol. Add all factor 2,4,8,16,...256

43. The difference of the squares of two consecutive natural numbers is 101. What is the sum of the numbers ?

    (1) 102
    (2) 101
    (3) 100
    (4) 99

Answer (2)

44. The sum of two numbers is 40 and their difference is 10. What is their product ?

    (1) 325
    (2) 350
    (3) 375
    (4) 400

Answer (3)

45. The 5th term of the arithmetic sequence is 5 and the sum of the first 5 terms is 55. What is its first term?

    (1) 15
    (2) 16
    (3) 17
    (4) 18

Answer (3)

Sol. $an = a + (n-1)d$

$$Sn = \frac{n}{2}(2a + (n-1)d)$$

46. The sum of the first 11 terms and the sum of the first 17 terms of an arithmetic sequence are equal. What is the sum of the first 28 terms?

    (1) 28   (2) 1
    (3) -1   (4) 0

Answer (4)

Sol. Sum of first 11= sum of first 17 are equal. Therefore, Sum of first 28 are 0.

47. There are two taps to fill a tank. If both are opened, the tank fills in 1 hour. If the smaller tap alone is opened, it takes 3 hours to fill the tank. How many hours will it take to fill the tank, if the larger tap alone is opened?

    (1) 2

    (2) $1\frac{1}{2}$

    (3) $1\frac{1}{3}$

    (4) $1\frac{1}{4}$

Answer (2)

Sol. Time and work = $\dfrac{xy}{x+y}$

48. What is the number you get on simplifying the sum

$$\frac{1}{3} + \frac{1}{3^2} + \frac{1}{3^3} + ... + \frac{1}{3^{10}} + \frac{1}{2 \times 3^{10}} ?$$

    (1) 1   (2) $\dfrac{2}{3}$

    (3) $\dfrac{1}{2}$ (4) $\dfrac{1}{3}$

Answer (3)

Sol. $Sn = \dfrac{a(1-r^n)}{1-r}$

49. What do we get on simplifying the expression
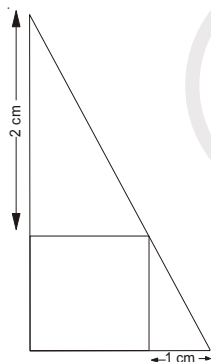
$$\frac{x}{x+1} + \frac{x+1}{x} + \frac{1}{x(x+1)}?$$

(1) 2

(2) $\frac{1}{2}$

(3) $2x$

(4) $\frac{1}{2}x$

Answer (1)

Sol. Simplification by LCM

50. The figure shows a right triangle and a square inside it.

What is the length of aside of the squares?

(1) $\sqrt{3}$

(2) $\sqrt{2}$

(3) 2

(4) **1**

Answer (2)

Sol. Area of triangle = Area of small triangles + area of squares

51. The sum of two numbers and the difference of their squares are both 10. What is the larger of these two numbers?

(1) 4

(2) $4\frac{1}{2}$

(3) 5

(4) $5\frac{1}{2}$

Answer (4)

Sol. Simplification

52. Two dice marked with numbers 1 to 6 are rolled together. What is the probability of getting an old numbers on one of these and a multiple of three on the other?

(1) $\frac{1}{6}$

(2) $\frac{1}{3}$

(3) $\frac{11}{36}$
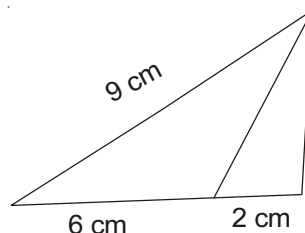
(4) $\frac{13}{36}$

Answer (3)

53. A square is drawn with vertices on a circle. The area of the square is 4 square centimeters. What is the area of the circle(in sq.cm.)?

(1) π

(2) $\sqrt{2}\pi$

(3) 2π

(4) 4π

Answer (3)

Sol. Diagonal = Diameter

54. I the figure, the bisector of an angle of the large triangle cuts the opposite side into two pieces.
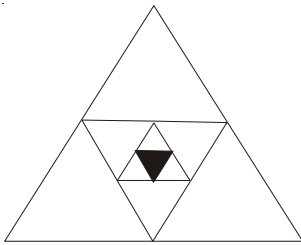

What is the length of the third sid of the triangle in centimeters?

(1) 3

(2) 3.5

(3) 4

(4) 4.5

Answer (1)

Sol. Internal Angular bisector theorem

55. In the figure, each side of the largest triangle is 1 meter. By joining the midpoints of the sides of each triangle, an inner triangle is drawn.
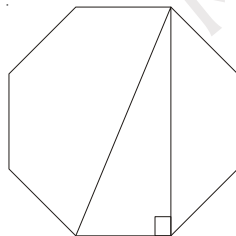

What is the area of the smallest triangle(in sq.m.)?

(1) $\dfrac{\sqrt{3}}{2}\left(\dfrac{1}{16}\right)^2$

(2) $\dfrac{\sqrt{3}}{4}\left(\dfrac{1}{8}\right)^2$

(3) $\dfrac{\sqrt{3}}{4}\left(\dfrac{1}{2}\right)^2$

(4) $\dfrac{\sqrt{3}}{4}\left(\dfrac{1}{4}\right)^2$

Answer (2)

Sol. Area of equilateral $\dfrac{\sqrt{3}}{4}a^2$

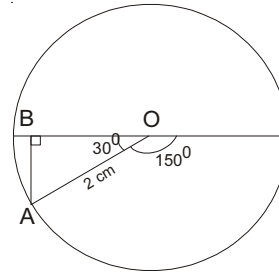56. In the figure, three vertices of the regular octagon are joined to form a triangle

What is the angle at the top vertex of the triangle?

(1) 6   (2)

(3)   (4)

Answer (1)

Sol. Two congruent polygons

57. In the figure, O is the center of the circle and A is a point on it.

What is the length of AB in centimeter?

(1)   (2)

(3)   (4)

Answer (1)

Sol. $\sin 30^\theta = \dfrac{AB}{AO}$

58. In the figure below, what is the length of the smallest side of the triangle?

(1) 6   (2) $\sqrt{6}$

(3) $2\sqrt{6}$ (4) $2\sqrt{3}$

Answer (3)

Sol. $\dfrac{a}{\sin A} = \dfrac{b}{\sin B} = \dfrac{c}{\sin C}$

59. What are the coordinates of the point Q in the figure below?

(1) (1, 0)   (2) (2, 0)

(3) $(\sqrt{2}, 0)$ (4) $\left(1\dfrac{1}{2}, 0\right)$

Answer (4)

Sol. Verify by taking Q(-3,2), apply Pythogoras Theorem

60. The figure below shows a semicircle drawn on a part of the x-axis as diameter.

What are the coordinates of the other end of the diameter?

(1)   (2)

(3)   (4)

Answer (2)

Sol. Take (x,0) on x-axis

Centre $\left(\dfrac{x-8}{2}, 0\right)$

distance from centre to points are same, Therefore,

$x = 2$

PART-III : SOCIAL SCIENCE

61. Rearrange the following in chronological order.

    a. Second Continental Congress

    b. Treaty of Paris

    c. Boston tea Party

    d. End of the war between Britain and the American Colonies

    (1) c, d, a, b   (2) a, d, b, c

    (3) c, a, d, b   (4) a, c, d, b

Answer (3)

62. The eighteenth century was called

    (1) The Age of Conflict

    (2) The Age of Reason

    (3) The Age of Ideas

    (4) The Age of Nationalism

Answer (2)

63. Name the Chancellor of Austria during the Vienna Congress.

    (1) Napoleon

    (2) William II

    (3) Tallyrand

    (4) Metternich

Answer (4)

64. Which was known as 'The war to End All Wars'.

    (1) Second World War

    (2) French Revolution

    (3) First World War

    (4) American Civil War

Answer (3)

65. Which among the following is wrongly related?

    (1) Kurichya Revolt- Tribal revolt

    (2) Indigo Revolt- Peasant Revolt

    (3) Santhal Rebellion- Peasant Rebellion

    (4) Vellore Mutiny- Sepoy Mutiny

Answer (3)

66. Match list -1 with List-II and select the correct response from the options given.

	List-I		List-II
i.	Buland Darwaza	a.	Shahjahan
ii.	Moti Masjid in Lahore	b.	Aurangazeb
iii.	Jama Masjid	c.	Akbar
iv.	Badshahi Mosque	d.	Jahangir

    (1) i-c,ii-d,iii-a,iv-b   (2) i-c,ii-a,iii-d,iv-b

    (3) i-a,ii-d,iii-c,iv-b   (4) i-a,ii-b,iii-d,iv-c

Answer (1)

67. Name the founder of the Virashaiva movement.

    (1) Vallabhacharya   (2) Ramananda

    (3) Ramanuja   (4) Basavanna

Answer (4)

68. The high ranking official in charge of controlling markets during the reign of Alauddin Khilji

    (1) Wazir   (2) Shahna

    (3) Wakil-i-Dar   (4) Wali

Answer (2)

69. Nicolo Conti, who visited India during the rule of Vijayanagar Empire was a native of

    (1) Russia   (2) Portugal

    (3) Africa   (4) Italy

Answer (4)

70. Consider he following statements and identify the correct response from the options given.

    Statement - I : Swami Vivekananda contributed to the rise of Indian nationalism.

    Statement - II : Swami Vivekananda attended the parliament of Religions held at Chicago in 1893.

    (1) Statement I is true and Statement II is false

    (2) Statement I is false and Statement II is true

    (3) Both Statement are true and Statement II is the correct explanation of Statement I

    (4) Both statements are true but Statement II is not the correct explanation of Statement I

Answer (4)

71. Who started the 'Swadesh Vastra Pracharini Sabha as a part of the Swadeshi Movement?

    (1) Bal Gangadhara Tilak

    (2) Lala Lajpat Rai

    (3) Bipin Chandra Pal

    (4) Rabindranath Tagore

Answer (1)

72. The head quarters of the 'National School of Drama' is at

    (1) Bombay   (2) Kolkata

    (3) New Delhi   (4) Pune

Answer (3)

73. The geographical factor which is NOT favourable for the growth of rubber.

    (1) Temperature between 25° and 35°

    (2) Clayey soil

    (3) Rainfall above 150 cm

    (4) Land free from water logging

Answer (2)

74. The pair of ocean currents and oceans NOT correctly matched.

	Ocean currents	Oceans
(1)	Kuroshio current	Atlantic ocean
(2)	Oyashio current	Pacific ocean
(3)	Mozambique	Indian ocean current
(4)	Gulf stream	Atlantic ocean

Answer (1)

75. The climatic region characterized by winter rainfall.

    (1) Monsoon region

    (2) Tropical deserts

    (3) Medeterranean region

    (4) Tundra region

Answer (3)

76. The pressure belt that forms exclusively due to the sinking of air is

    (1) Equatorial low pressure belt

    (2) Sub tropical high pressure belt

    (3) Sub polar low pressure belt

    (4) Polar high pressure belt

Answer (4)

77. The State of India with the lowest sex ratio as per census 2011.

    (1) Punjab   (2) Haryana

    (3) Kerala   (4) Tamil Nadu

Answer (2)

78. The river to which Indravati is a tributary

    (1) River Krishna   (2) River Godavari

    (3) River Mahanadi (4) River Kaveri

Answer (2)

79. Two places A and B are found marked 10 cm apart on a map. What is the actual distance between these to places on the ground if the scale of the map is 1 : 50000.

    (1) 5 km   (2) 20 km

    (3) 10 km   (4) 0.5 km

Answer (1)

80. Which one of the following is NOT a depositional landform?

    (1) Stalagmites   (2) Mushroom rocks

    (3) Moraines   (4) Beaches

Answer (2)

81. A steel plant established in India with the collaboration of UK.

    (1) Bhilai steel plant   (2) Rourkela steel plant

    (3) Bokaro steel plant   (4) Durgapur steel plant

Answer (4)

82. The one which occurs at divergent plate margins

    (1) Collision of plates

    (2) Lateral movement

    (3) Formation of fold mountains

    (4) Sea floor spreading

Answer (4)

83. Which one of the following is NOT a greenhouse gas?

    (1) Carbon dioxide (2) Methane

    (3) Nitrous oxide   (4) Argon

Answer (4)

84. Identify the wrong pair.

    (1) Varanasi - Kanyakumari - NH 17

    (2) Salem - Kanyakumari - NH 47

    (3) Agra - Mumbai - NH 3

    (4) Nasi - Pune - NH 4

Answer (1)

85. The new Economic Policies which disregard government control are known as
    (1) Liberalisation   (2) Neo-liberalisation
    (3) Privatisation   (4) Globalisation

Answer (1)

86. The date on which the Reserve bank of India (RBI) introduced the new Rs.2000 notes in 2016 is
    (1) November 7   (2) November 8
    (3) November 9   (4) November 10

Answer (2)

87. The expansion of 'WTO' is
    (1) Web Trade Organisation
    (2) World Tourism Organisation
    (3) World Trade Organization
    (4) Web Tourism Organisation

Answer (3)

88. Which of the following is NOT made from Petroleum?
    (1) Artificial fibres   (2) Mica
    (3) Vaselene   (4) Kerosine

Answer (2)

89. Who is the present Governor of RBI?
    (1) Dr. Urijit Patel   (2) Dr. Raghuram Rajan
    (3) Dr. Subba Rao   (4) Dr. Ranga Rajan

Answer (1)

90. Which one of the following is the biggest agro-based industry in India?
    (1) Rubber   (2) Cotton Textiles
    (3) Sugar   (4) Jute

Answer (2)

91. The biggest Commercial Bank in India is
    (1) Oriental bank of Commerce (OBC)
    (2) HDFC bank
    (3) State bank of India (SBI)
    (4) Federal bank

Answer (3)

92. Which one of the following is NOT accepted as a security against loans by the Commercial Banks.
    (1) Approved salary certificate
    (2) Gold
    (3) Land Title Document
    (4) Debit Card

Answer (4)

93. Find out the country where Direct Democracy existed.
    (1) India   (2) England
    (3) Greece   (4) Arabia

Answer (3)

94. Which among the following is formed by indirect election?
    (1) Legislative Assembly   (2) Rajya Sabha
    (3) Lok Sabha   (4) None of these

Answer (2)

95. Number of Lok Sabha Constituencies in Kerala.
    (1) 19   (2) 8
    (3) 540   (4) 20

Answer (4)

96 Who among the following is eligible for Voting Right in India?
    (1) Any person, 21 years of age
    (2) Any Indian citizen who has completed 18 years of age
    (3) Any person with formal education, who has completed 18 years of age
    (4) A person who has completed 18 years of age

Answer (2)

97. To which of the following categories does the District Collector belong?
    (1) All India Service   (2) Central Service
    (3) State Service   (4) None of these

Answer (1)

98. The First Election Commissioner of Independent India.
    (1) T N Seshan   (2) V S Ramadevi
    (3) R V Khuraizi   (4) Sukumar Sen

Answer (4)

99. The minimum age limit for a person contesting elections to the Rajya Sabha.
    (1) 30   (2) 25
    (3) 18   (4) 35

Answer (1)

100. Which among the following is NOT a function of the Election Commission?
    (1) To audit the Election Expenditure
    (2) To prepare the Voters list
    (3) To issue Election Symbols
    (4) To choose the candidates

Answer (4)

Aakash

Medical | IIT-JEE | Foundations

Time : 90 Min.

Answers & Solutions

Max. Marks : 100

for

NTSE (Stage-I) 2017-18

PART-II (Mental Ability and Language Test)

INSTRUCTIONS TO CANDIDATES

1. Use blue/black ball point pen only. There is no negative marking.

2. You have to answer 100 questions in this test.

3. This test has two parts namely Mental Ability Test (MAT) and Language Test.

   Part-I : MAT : 1 - 50 questions

   Part-II : Language : 101 - 150 questions

4. Select the most suitable answer for each questions and completely darken the circle corresponding to the correct alternative as shown below :

   Example :

Q. No.	Alternatives
Correct way : 1	① ② ● ④

Q. No.	Alternatives
Wrong way : 1	⊗ ⊘ ③ ④

5. All questions carry ONE MARK each.

6. There is no negative mark. Every correct answer will be awarded one mark.

7. Do not write your name on any part of the question booklet or on the answer sheet.

PART-I : MENTAL ABILITY TEST (MAT)

101. In a certain code language COMPUTER is written as FNPOXSHQ. What is the code for the word PRACTICE?

    (1) SRIBULFD　　　　(2) ORICULFD

    (3) SQDBWHFD　　　　(4) OPLAUIDF

Answer (3)

102. If HOTEL can be given the code 12 and EAR can be given the code 8 then what code number can be given to the word BORE?

    (1) 4　　　　(2) 6

    (3) 10　　　　(4) 9

Answer (3)

Directions: Qn (3-4) : Which of the following numbers is wrong in the series? Select from the alternatives.

103. 1, 3,10, 21, 64, 129, 356

    (1) 129　　　　(2) 21

    (3) 356　　　　(4) 64

Answer (3)

104. 66, 68, 72, 80, 94,128

    (1) 94　　　　(2) 68

    (3) 80　　　　(4) 72

Answer (1)

105. Find out the odd one.

    (1) PTD　　　　(2) GRK

    (3) NQC　　　　(4) JLC

Answer (4)

Directions : In each of the questions from a letter/number series as given in which some of the letters are missing. This missing letters/numbers are given in their proper sequence in one of the options. Find out the correct options to each question.

106. a-m -b-mcb-mcb

    (1) bacbab　　　　(2) bcabab

    (3) abcbcd　　　　(4) abbbcc

Answer (2)

107. 25B – 4 – DH–11F – 8– HN

    (1) E, 8, 7, D, 9

    (2) C, 7, 4, E, 9

    (3) D, 8, 6, C, 7

    (4) E, 8, 6, K,14

Answer (4)

108. Find the one odd one.

    (1) Walk　　　　(2) Hear

    (3) Jump　　　　(4) Pull

Answer (2)

109. Find the missing term in the given number series, 13,17,26,42

    (1) 69　　　　(2) 67

    (3) 71　　　　(4) 70

Answer (2)

110. Which one of the following numbers should replace the question mark?
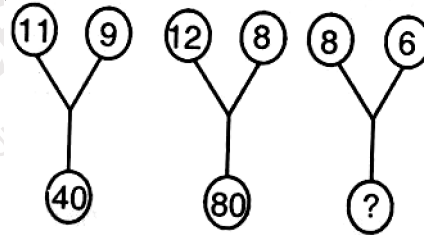
    (1) 28　　　　(2) 20

    (3) 10　　　　(4) 24

Answer (1)
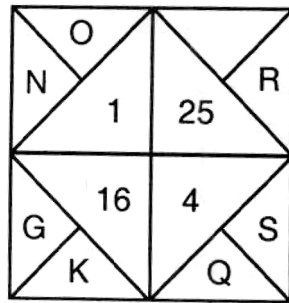
111. What should occupy the blank space?
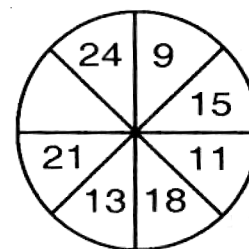
    (1) 5　　　　(2) 17

    (3) 7　　　　(4) 14

Answer (3)

112. Which alphabet should occupy the blank space?

(1) U   (2) H

(3) L   (4) W

Answer (4)

113. Ravi walks a distance of 100 metres towards the north. He then turned to the left and walks for about 30 metres turns left again and walked 110 metres finally he turned to the right at an angle of 45º and walks on. In which direction does he walk finally?

(1) North West   (2) South West

(3) South West   (4) North West

Answer (2,3)

114. If in a code language

5 × 3 × 6 = 23

4 × 8 × 7 = 60 then

6 × 3 × 7 = ?

(1) 25   (2) 26

(3) 27   (4) 2

Answer (3)

115. Some cubes of a equal size have been arranged in the form of a solid block as shown in figure. It is painted red on all of its surfaces except the base. How many cubes have three faces coloured?
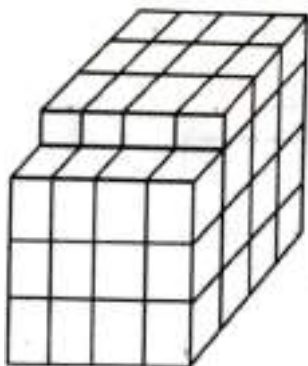
(1) 1   (2) 6

(3) 8   (4) 10

Answer (2)

Direction : Use the following series of elements to answer the questions from 16 -17.

3 @ 7 6 8 P 9 δ Q 3 F 1 7 S D 4 * (13) U $ K(11) # (14) Q

116. Three of the following groups of elements are alike in a certain way and so form a group. Which is the one that doesn't belong to that group?

(1) Q δ 9   (2) 6 8 P

(3) 1 3 F   (4) D S 7

Answer (3)

117. If each letter of the alphabet has a value of zero, each symbol has a value equivalent to the square of the numeral that immediately proceeds the symbol or the value of 1 if it is not immediately proceeded by any numeral, what will be the sum of the value of the first 10 elements of the series starting from the extreme left?

(1) 141   (2) 153

(3) 132   (4) 126

Answer (4)

Directions : Questions (18–19) are based on the following figure.
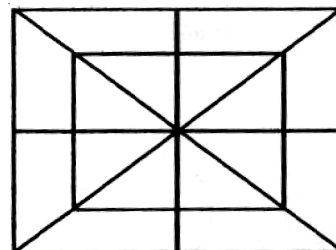
18. How many rectangles are there in the figure given above?

(1) 11   (2) 8

(3) 18   (4) 12

Answer (3)

19. How many triangles are there in the given figure?

(1) 28   (2) 32

(3) 30   (4) 26

Answer (2)

20. This question consists of two words that have a certain relationship with each other. Select the options pair which has the same relationship as the pair of words in the questions.

Karnataka : State

(1) Paper : Book
(2) Fire : Smoke
(3) Water : River
(4) Gun: Weapon

Answer (4)

Directions : Questions (21-22) Which of the following figures represents the relationship among the three classes.
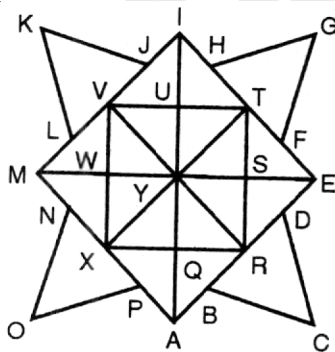

(1)   (2)   (3)   (4)
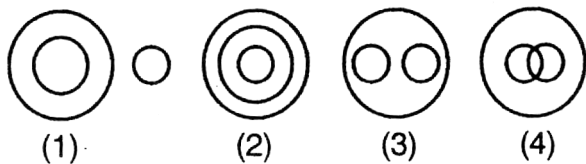
21. Nitrogen, Ice, Air

Answer (1)

22. Forest, Earth, Mountains

Directions (Q.23 to Q.25) : are based on the given figure. Study the figure. There is some relationship between two terms to the left of : : and the same relationship holds between two terms to the right. One term to the right of : : is missing. Find out the missing term?

Answer (4)

23. LKJ : AYE : : HGF: ?

(1) PXN
(2) APX
(3) WXQ
(4) MYA

Answer (4)

24. VWST : XAR : : ? : RET

(1) WSRX
(2) QRTU
(3) XQUV
(4) RSWS

Answer (3)

25. IQR : AUV : : MSR : ?

(1) XYQ
(2) BCD
(3) RSE
(4) EWV

Answer (4)

26. In a queue Shekar is 12th from the back. Peter's place is 20th from the front. Vishal is standing in the middle of the two. What could be the minimum number of children standing in the quene?

(1) 23
(2) 25
(3) 20
(4) 21

Answer (4)

27. In a group of cats and crows, the number of legs is 12 more than twice the number of heads. The number of cats is

(1) 6
(2) 4
(3) 5
(4) 8

Answer (1)

28. If the letters of the following words are arranged in a alphabetical order and the group of letters so formed are rearranged in a dictionary which word should come third?

(1) Read
(2) Draw
(3) Back
(4) Play

Answer (2)

29. In the following question two expression on either side of the sign (=) will have the same value if two terms are replaced as given in the alternatives. Find out the correct alternative option.

$2 + 5 - 3 \times 4 \div 4 = 2 + 3 \times 12 - 4$

(1) 2 and 3, '+' and '×'
(2) 2 and 4,'+' and '×'
(3) 2 and 4, '+' and '+'
(4) 3 and 4, '+' and '–'

Answer (1)

30. Mohan walks from his house at a speed of 5 kmph, speed and reaches his office 10 minutes late. If his speed had been 5 kmph he would have reached 10 minutes early. What is the distance to his office from his house?

(1) 8 km
(2) 15 km
(3) 12 km
(4) 10 km

Answer (4)

Directions (Q.31 to Q.32) :

A * B means 'A is the daughter of B'

A # B means 'A is the son of B'
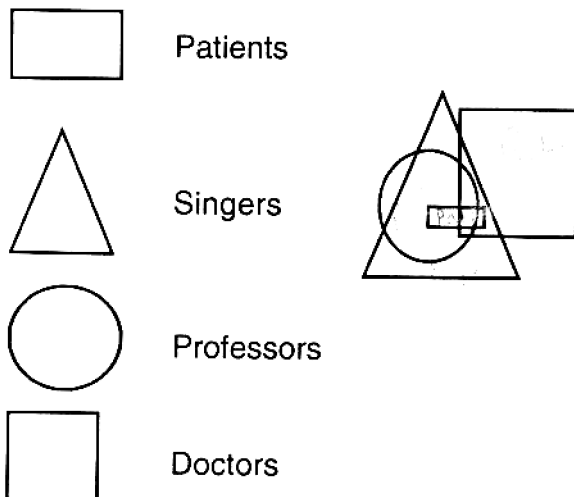
31. If L @ M # P @ N, which of the following is not true?

    (1) P is the mother of M

    (2) N s the husband of P

    (3) L is the wife of M

    (4) M is the daughter of P

Answer (4)

32. If C # S @ P # W * Q. What is W to C?

    (1) Father   (2) Mother

    (3) Grandmother   (4) Daughter

Answer (3)

Directions (Q.33 to Q.34) : Study the following diagram carefully and choose the correct answer for the following questions.

33. Which of the following statement is true?

    (1) No patient is a professor

    (2) All professors are doctors

    (3) All doctors are singers

    (4) Some patients who are singers are also doctors as well as professors

Answer (4)

34. Which of the following statement is not true?

    (1) Some doctors are not singers

    (2) All patients are singers

    (3) Patients who are doctors are singers

    (4) All doctors are singers

Answer (4)

35. *Directions (Q.35) :*

    In this question there are two statements followed by four conclusions I, II, III and IV. You have to decide which of the given conclusions logically follows from the given statements?

    Statements :

    Some rabbits are birds.

    All birds are vegetables.

    Conclusions:

    I.   Some birds are rabbits

    II. No bird is a rabbit

    III. Some vegetables are rabbits

    IV. All vegetables are rabbits

    (1) Only I follows   (2) Either I or II follows

    (3) Either III or IV follows

    (4) I and III follows

Answer (4)

Directions (Q.36 to Q37) : Read the following statements and answer the question given.

Anand has five books P, Q, R, S and T each of a different weight.

P weigh's twice as much as Q

Q weigh's 3 and half times as much as R

R weigh's half as much as S

S weigh's half as much as T

T weigh's less than P but more the R

36. S is behaviour in weigh's than which of the following books.

    (1) R   (2) P

    (3) Q   (4) T

Answer (1)

37. Which of the following represents the descending order of the weigh's of the books?

    (1) PQTRS   (2) PTQSR

    (3) TQPSR   (4) RSQTP

Answer (2)

38. In a class half of the students participate in the music competition and half of the remaining participate in the dance competition. Half of the students participating in the music competition and half of the students participating in the dance competition participate in the dram competition. Then the shaded portion of which of the following diagrams represents the students participating in the drama competition?

(1)

(2)

(3)

(4)
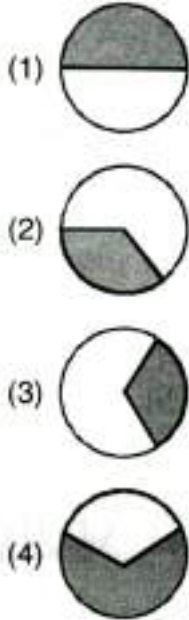
Answer (2)

39. Choose from the options, the box that should be formed when figure A is folded.

Figure (A)

(1) (2)

(3) (4)
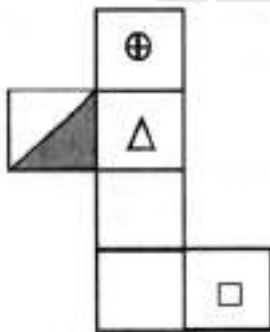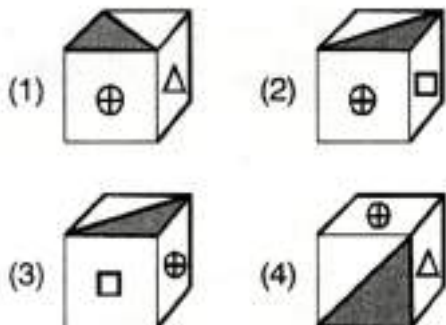
Answer (4)

40. If March 15, 2006 was a Wednesday, what day of the week is April 10, 2010?
    (1) Monday   (2) Wednesday
    (3) Saturday   (4) Sunday
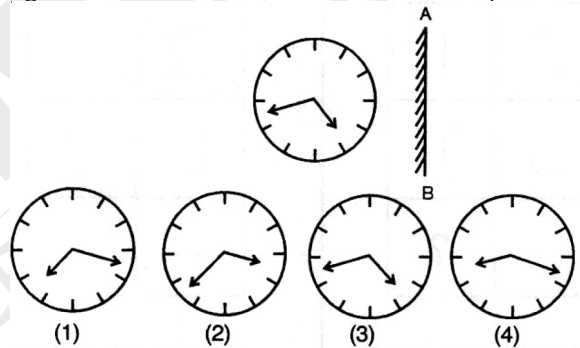
Answer (3)

41.

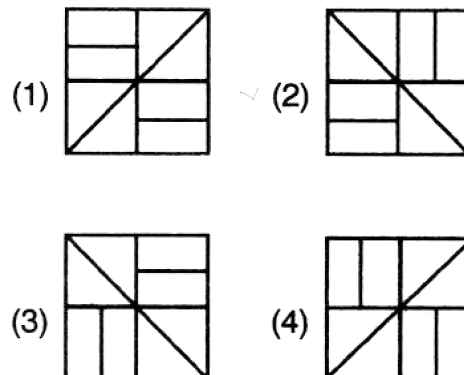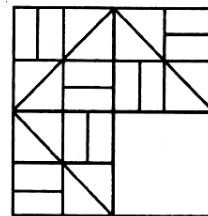

(1)   (2)   (3)   (4)
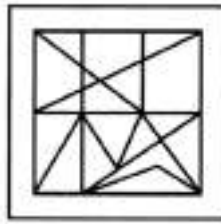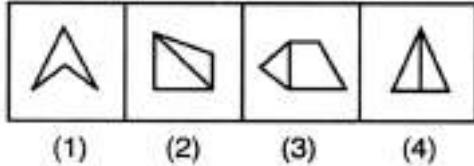
Answer (3)

42. Which of the options is the mirror image of the given figure when the mirror is hold at the AB position?
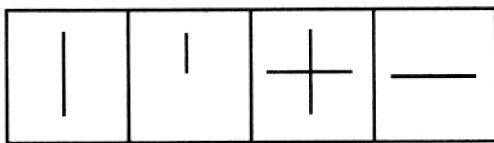

(1)   (2)   (3)   (4)

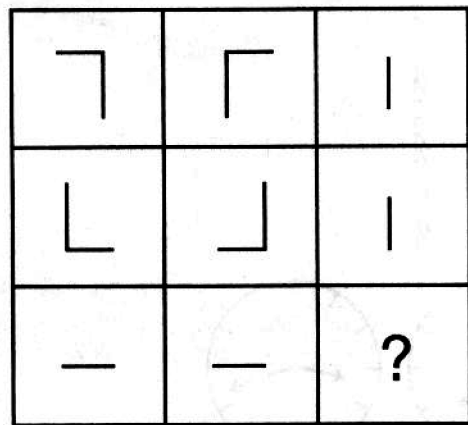**Answer (1)**

43. In the following question select one of the options which fits into the blank space of the given pattern.
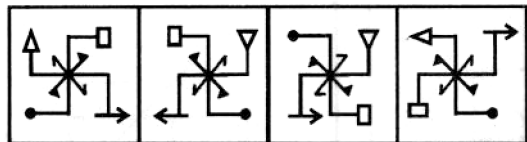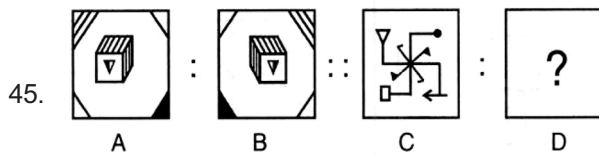

(1)   (2)

(3)   (4)

Answer (3)

44. Choose the correct alternative from amongst the options which completes the figures matrix.
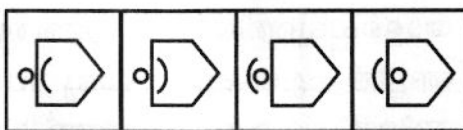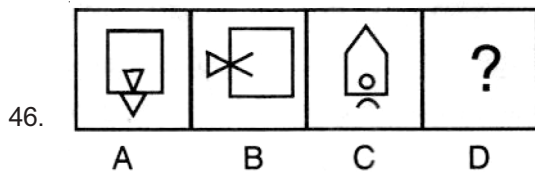

Answer (4)

Directions (Q.45 to Q.46) : There is a relationship between figures A and B. Find the figure which establishes a similar relationship between C and D.

45.

Answer (3)

46.

Answer (1)

47. Select three out of the following five alternatives figures A, B, C, D, E which together from a complete square.
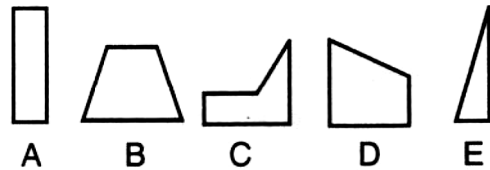
(1) ACD
(2) CDE
(3) ABC
(4) BCE

Answer (1)

48. Find the odd one out.
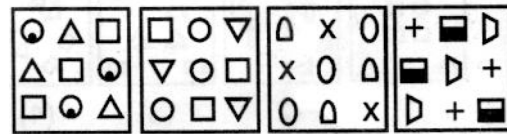
(1)   (2)   (3)   (4)

Answer (2)

49. A sequence of figures is given below and a question mark is given in the place of the fourth figure. Which one of the options marked 1,2,3,4 should come in the place of the question mark in the sequence?
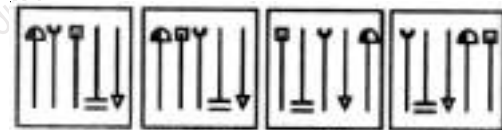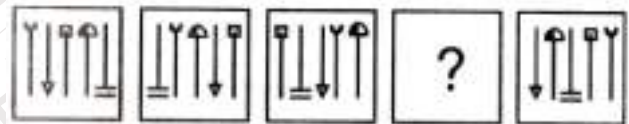
(1)   (2)   (3)   (4)

Answer (2)

50. A piece of paper is folded as shown below ad cuts are made as marked. What would be the paper be like when unfolded? Choose the answer from the options.
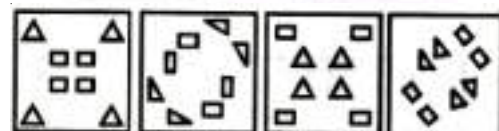
(1)   (2)   (3)   (4)

Answer (2)

PART-II : ENGLISH LANGUAGE

Questions (101 to 105) : Read the anecdote carefully and answer the questions that follow :

A young man took his father to a restaurant for an evening dinner. Father being very old and weak, dropped food on his shirt and trousers while eating. Other diners watched in disgust while the son remained clam.

After they finished eating, the son who was not at all embarrassed, quietly took his father to the washroom, wiped the food particles, removed the stains, combed his hair and fitted his spectacles firmly. When they came out, the entire restaurant was watching them in dead silence.

The son settled the bill and started walking out with his father. At that time, an old man amongst the diners called out to the son and asked him, Don't you think you have left something behind?" The son replied, No air, I haven't". The son replied, "yes, you have ! You left a lesson for every son and hope for every father". The restaurant went silent.

101. The father was unable to eat properly because_____

    (1) he was eating at the restaurant

    (2) he was weak and ailing

    (3) the other diners were watching him

    (4) he didn't like the food

Answer (2)

102. How did the son behave at the restaurant_____

    (1) he was embarrassed

    (2) he was calm and quiet

    (3) he threatened the other diners

    (4) he watched others in disgust

Answer (2)

103. What quality of the son is revealed in the story _____

    (1) Duty bound and dedicated

    (2) Loyal and dependable

    (3) Helping and devoted

    (4) All the above

Answer (4)

104. 'You left a lesson for a every son and hope for every father' this means the son _____

    (1) Left something the restaurant

    (2) Left something for the old people

    (3) Became the model for the others to follow

    (4) Left some money after paying the bill

Answer (3)

105. The word from the passage that mean 'ashamed' is_____

    (1) Embarrassed   (2) Disgusted

    (3) Retorted   (4) Dropped

Answer (1)

Questions (106 to 111) : Read the passage given below and answer the questions that follow.

Ancient Egypt consisted of the desert regions surrounding the Nile. This region was the centre of one of the great early civilizations. The civilization was based on farming, particularly the growing of cereals such as what, which was used to make bread. The soil near the Nile was very fertile. However, when the Nile flooded, extra water had to be drained away. On the other hand, during the dry parts of the year, the land needed to be irrigated with water from the Nile. Drainage and irrigation necessitated large scale cooperative effort. Because people had to work together on these projects they also learned to organize their cities and government.

About 7,000 years ago, the early Egyptians introduced the use of copper and other metals, the first writing and the first sea going ships. 5,200 years ago, Egypt was divided into two states. The two states were combined by a pharaoh named Menes. During the next thousand years the Egyptians developed a strong system of government. They also began to build the pyramids that can still be seen today.

Egypt began to control areas in other parts of the Middle East about 3,500 years ago, but after 500 years it lost control of these areas. The Romans invaded and conquered Egypt about 2,000years ago. Approximately 1,400 years ago, it was conquered by the Arabs at the Battle of Heliopolis and became an Islamic country.

106. The growing of cereals by the Egyptian _____years ago.

    (1) fishing   (2) farming

    (3) marketing   (4) construction

Answer (2)

107. Pyramids were built by the Egyptians _____years ago.

    (1) between 7,000 and 5,200

    (2) between 5,200 and 4,200

    (3) between 3,500 and 3,000

    (4) between 3,000 and 1,400

Answer (3)

108. The ancient Egyptians were the first people to

    (1) grow wheat

    (2) make bread

    (3) use irrigation

    (4) use copper

Answer (4)

109. The reason the Ancient Egyptians had well-organized governments and cities is that

    (1) the soil near the Nile was very fertile

    (2) the Pharaoh Menes united Egypt

    (3) the civilization was based on farming

    (4) people learned to cooperate by building drainage and irrigation systems

Answer (4)

110. The Romans invaded and conquered Egypt about 2,000 years ago. The word 'conquer' means

    (1) occupy

    (2) vacate

    (3) evacuate

    (4) engage

Answer (1)

111. The word opposite in meaning to 'barren' is

    (1) wet

    (2) fertile

    (3) dry

    (4) damp

Answer (2)

Questions 112-117: Complete the following passage choosing the correct phrasal Verbs from the options given.

At the railway station I_____(112)_____my long lost friend who_____(113)_____a popular film star. At first I couldn't _____(114)_____who he was. Then we _____(115)_____talking about our school life. He_____(116)_____my offer to have dinner at a restaurant as he had to visit his dinner are a restaurant as he had to visit his uncle. He promised me that he would _____(117)_____as soon as he could.

112. (1) come up with

    (2) come across

    (3) come to

    (4) come down

Answer (2)

113. (1) take after

    (2) take down

    (3) take up

    (4) take in

Answer (1)

114. (1) make up

    (2) make out

    (3) make in

    (4) make out of

Answer (2)

115. (1) go on

    (2) go up

    (3) go off

    (4) go with

Answer (1)

116. (1) turn down

    (2) turn up

    (3) turn to

    (4) turn out

Answer (1)

117. (1) get on

    (2) get at

    (3) get back

    (4) get out

Answer (3)

Choose the correct answer from the options given.

118. what _____ you like to have for supper?

   (1) will   (2) might

   (3) would   (4) shall

Answer (3)

119. There are other people living in this building _____ ourselves.

   (1) beside   (2) besides

   (3) before   (4) around

Answer (2)

120. The boy fell fainted. Immediately the doctor was _____

   (1) sent off   (2) sent for

   (3) sent in   (4) sent through

Answer (2)

Questions 121 – 124 : The farmers were informed by the weather department that it would rain _____ (121). The information is usually accurate. _____ (122) it did not rain for several days. When _____ (123) the rain did come, it was inadequate _____ (124) all the crops were damaged.

121. (1) frequently   (2) much

   (3) soon   (4) well

Answer (3)

122. (1) however   (2) but

   (3) though   (4) instead

Answer (2)

123. (1) definitely   (2) in the end

   (3) at last   (4) lastly

Answer (3)

124. (1) and   (2) also

   (3) even   (4) that

Answer (4)

125. Children enjoy _____ cartoon channels on TV.

   (1) watching   (2) watch

   (3) to watch   (4) watched

Answer (1)

126. _____ everyone I know plays a game on a mobile phone.

   (1) The most   (2) Almost

   (3) All   (4) Most of

Answer (2)

127. Can you tell me where _____?

   (1) is it the fuel station

   (2) the fuelk station is

   (3) it is the fuel station

   (4) is the fuel station

Answer (2)

128. The one-day match caused a lot of _____

   (1) excited   (2) exciting

   (3) excite   (4) excitement

Answer (4)

129. This vehicle is _____ one we have seen all the week.

   (1) cheaper than (2) the cheap

   (3) the cheapest (4) the cheaper

Answer (3)

130. The online parcel hasn't reached yet.

   I wish I _____ it earlier

   (1) was booking   (2) had booked

   (3) am booking   (4) have booked

Answer (2)

131. The boy _____ TV all day.

   (1) viewed   (2) looked

   (3) saw   (4) watched

Answer (4)

132. My school bag would have been much lighter if I _____ in it all my books.

   (1) don't pack   (2) didn't pack

   (3) hadn't packed (4) not pack

Answer (3)

133. I was _____ after my Dad's best friend.

   (1) called   (2) termed

   (3) labelled   (4) named

Answer (4)

134. The team hasn't come back to school

   (1) still   (2) already

   (3) yet   (4) till

Answer (3)

135. I _____ a mistake in the last day's test.

   (1) made   (2) done

   (3) did   (4) make

Answer (1)

136. He is looking _____ a present for his grandmother.
    (1) for   (2) at
    (3) in   (4) on

Answer (1)

137. My Maths Teacher was good enough to _____ my mistake.
    (1) oversee
    (2) overtake
    (3) overdo
    (4) overlook

Answer (1)

138. Newspapers are _____ to people's doors every day.
    (1) taken   (2) distributed
    (3) delivered   (4) handed

Answer (3)

139. Politicians pretend to ignore opinion
    (1) votes   (2) figures
    (3) numbers   (4) polls

Answer (4)

140. He'd like to reveal the fact if it is requried. The expansion of 'He'd' is
    (1) He did   (2) He had
    (3) He could   (4) He would

Answer (4)

141. The flight will _____ soon to Chennai.
    (1) start up   (2) get off
    (3) take up   (4) take off

Answer (4)

142. Would you mind _____?
    (1) to keep the windows open ?
    (2) keeping the windows open ?
    (3) keep the windows open ?
    (4) kept the windows open ?

Answer (2)

143. Rani _____ in this school since 2005.
    (1) had been working   (2) has been working
    (3) is working   (4) was working

Answer (2)

144. Unless you work hard you cannot realise the goal. This means
    (1) If you do not work hard you cannot realise the goal
    (2) If you work hard you cannot realise the goal
    (3) If you do not work hard you can realise the goal
    (4) If you worked hard you cannot realise the goal

Answer (1)

145. If you controlled your expense you _____ a lot of money.
    (1) can save   (2) could save
    (3) must save   (4) will

Answer (2)

146. 'We have been practising the skit for three hours'. The right question to get this response is
    (1) How long have you been practising the skit ?
    (2) How far have you been practising the skit ?
    (3) How after have you been practising the skit ?
    (4) How much time have you been practising the skit ?

Answer (1)

147. Which of the following is grammatically acceptable?
    (1) have you come yesterday?
    (2) do you come yesterday ?
    (3) did you come yesterday ?
    (4) you come yesterday ?

Answer (3)

148. "Have you seen my spectacles" ? Grandfather asked me. This can be reported as
    (1) Grandfather asked me if I had seen his spectacles
    (2) Grandfather asked me if I saw his spectacles
    (3) Grandfather asked me if have seen his spectacles
    (4) Grandfather asked me if I see his spectacles

Answer (1)

149. The famous book titled 'The Story of My Experiments with Truth' is
    (1) a science fiction   (2) a historical novel
    (3) a biography   (4) an autobiography

Answer (4)

150. The book titled 'My Story' is written by : _____
    (1) Mulkraj Anand   (2) Kamal Das
    (3) Nissim Ezekiel   (4) Partasarathy

Answer (2)