Ganga Education Society's

SOQ | SHRADDHA OLYMPIAD QUEST

In pursuit of excellence...

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Total Questions : 50   Time : 1 hr.

Name : _____

SOQ Roll No. : _____ Contact No.: _____

Guidelines for the Candidate

1. You will get additional 10 minutes to fill up information about yourself on the OMR sheet before the start of the exam.

2. Write your **Name, Class & Roll Number** clearly on the **OMR sheet** and do not forget to sign it. We will share your marks / result and other information related to SOQ exams on your mobile number.

3. The question paper comprises three sections:
   Section - 1 : General Science (25Q). **Section - 2** : EVS & Space Science (15Q.)
   Section - 3 : Achiever's Section (10Q.)

4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.

5. There is only ONE correct answer. Choose only one option for an answer.

6. To mark your choice of answer by darkening the circle on the OMR sheet, use **black ball point pen** only.
   E.g.
   Q.16. In the water cycle condensation is the process of
   A. Water vapour cooling down and turning into liquid   B. Ice warming up and turning into a liquid

   C. Liquid cooling down and turning into ice   D. Liquid warming up and turning into water vapour

   As the correct answer is option A, you must darken the circle corresponding to option A on the OMR sheet

   as shown in the figure | 16. ● ○ ○ ○ |

7. Rough work should be done in the blank space provided in the booklet

8. Return the OMR sheet to the invigilator at the end of the exam.

#अनुष्ठा स्वोजात

SECTION - I - GENERAL SCIENCE

1) Refer to the given figures (i-iv) and arrange them in the correct sequence.

(i)　　　(ii)　　　(iii)　　　(iv)

A) (iii) → (iv) → (ii) → (i)　　　　B) (iv) → (iii) → (ii) → (i)

C) (i) → (ii) → (iii) → (iv)　　　　D) (iii) → (ii) → (iv) → (i)

2) Match the organs that help in locomotion of the animal.

	Column I		Column II
P)	Fish	i)	Arms
Q)	Frog	ii)	Paddle-like limbs
R)	Turtle	iii)	Webbed feet
S)	Octopus	iv)	Fins

A) P- (iii), Q-(iv), R-(ii), S-(i)　　　　B) P- (iv), Q-(iii), R-(ii), S-(i)

C) P- (iii), Q-(iv), R-(i), S-(ii)　　　　D) P- (vi), Q-(iii), R-(i), S-(ii)

3) _____ is the coloured, circular part of the eye.

A) Retina　　　　B) Iris　　　　C) Cornea　　　　D) Pupil

4) Joint present in hip and shoulder is _____ joint.

A) Gliding　　　　B) Pivot　　　　C) Ball and socket　　　　D) Immovable
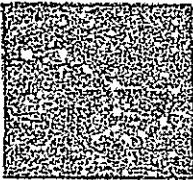
5) The _____ bones of skull forms the framework of face.

A) Cranial　　　　B) Facial　　　　C) Atlas　　　　D) Vertebrae

Space for rough work.

6) Cell that make our nervous system are called

A) Nerves   B) Muscles   C) Ossicles   D) Neurons

7) The first seven pairs of ribs are called_____.

A) True ribs   B) Sternum   C) False ribs   D) Floating ribs

8) _____ can spread through contact.

A) Dengue   B) Plague   C) Chickenpox   D) Typhoid

9) Goitre is caused by the deficiency of

A) Calcium   B) Iodine   C) Iron   D) Vitamin A

10) Dengue and malaria spread through _____.

A) Insects   B) Contaminated food

C) Contact   D) Air

11) Which of the following is a non-communicable disease?

A) Chicken pox   B) Beriberi   C) Common cold   D) Measles

12) The seeds of _____ are dispersed by animals.

A) Hiptage   B) Coconut   C) Xanthium   D) Pea

13) Flat and broad teeth help _____ to chew food easily.

A) Carnivores   B) Herbivores   C) Omnivores   D) Scavengers

14) Select the option in which two monocot seeds are placed.

A) Gram and Pea   B) Pea and Bean   C) Bean and Wheat   D) Wheat and rice

15) Locusts are harmful migratory

A) Birds   B) Rodents   C) Fish   D) Insects

16) Eyes send messages to the brain through the _____

A) Auditory nerve   B) Optic nerve   C) Olfactory nerve   D) All of these

17) Cardiac muscles are _____.

A) Striated   B) Non-striated   C) Voluntary   D) Both (B) and (C)

18) The first bones of the vertebral column is called _____.

A) Axis   B) Sternum   C) Altas   D) Vertebra

19) Which part of the brain controls our heart beat?

A) Cerebrum   B) Cerebellum   C) Medulla   D) All of these

Space for rough work.

20) _____ joint allows movement in all directions.

    A) Hinge   B) Ball-and-socket

    C) Gliding   D) Pivot

21) The fruit shown in the picture is rich in

    A) Calcium   B) Iodine

    C) Vitamin C   D) Vitamin D

22) _____ is a communicable disease.

    A) Obesity   B) Plague   C) Osteomalacia   D) Diabetes

23) Bunty is looking very weak and pale. He also gets tired easily. What do you think his diet is deficient in?

    A) Calcium   B) Iodine   C) Phosphorous   D) Iron

24) The seeds with hair and wings are dispersed by _____.

    A) Wind   B) Animals   C) Explosion   D) Water

25) Snakes move using _____ present on the underside of their body.

    A) Blubbers   B) Flippers   C) Fins   D) Scales

SECTION - II - EVS AND SPACE SCIENCE

26) _____ prevents soil erosion.

    A) Deforestation   B) Terrace farming

    C) Overgrazing   D) Strong wings

27) _____ force is a contact force.

    A) Magnetic   B) Frictional   C) Electrostatic   D) Gravitational

28) _____ is a soluble impurity.

    A) Salt   B) Sand   C) Twig   D) Stone

29) The _____ is composed of hydrogen and helium gases.

    A) Earth   B) Venus   C) Sun   D) Moon

30) Tsunami is caused due to the _____

    A) Shortage of food   B) Underwater earthquake

    C) Shortfall of rain   D) All of these

Space for rough work.

31) _____ is a greenhouse gas.

A) Carbon dioxide   B) Oxygen   C) Nitrogen   D) All of these

32) _____ is utilized by plants for making food.

A) Solar energy   B) Electrical energy

C) Mechanical energy   D) Magnetic energy

33) What is the name of constellation shown in the given figure?

A) Ursa Major

B) Cassiopeia

C) Orion

D) Scorpius

34) When do we celebrate Van Mahotsav?

A) In the first week of July   B) In the first week of every month

C) On Republic day   D) On first Sunday of every month

35) Red fort of New Delhi is made up of

A) Granite   B) Shale   C) Sandstone   D) Marble

36) _____ can travel through vacuum.

A) Sound   B) Light

C) Electricity   D) All of these

37) _____ are man-made objects that revolve around the Earth.

A) Moons   B) Natural satellites

C) Artificial satellites   D) None of these

38) The layer of ozone is present in _____.

A) Stratosphere   B) Ionosphere

C) Exosphere   D) Troposphere

39) _____ volcano can erupt anytime or has erupted in the recent past.

A) Active   B) Dormant

C) Extinct   D) All of these

40) _____ is a biodegradable material.

A) Metal   B) Wood   C) Plastic   D) Ceramic

Space for rough work.

SECTION - III - ACHIEVER'S

41) Identify X, Y and Z in the given figure and select the option that correctly mentions their functions.
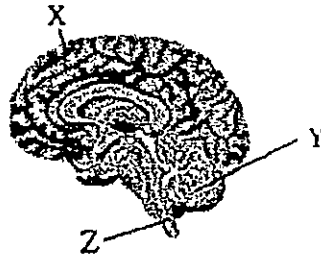
	X	Y	Z
A)	Controls heartbeat	Maintains balance and posture	Controls learning ability
B)	Controls learning ability	Maintains balance and posture	Controls heartbeat
C)	Controls learning ability	Controls heartbeat	Maintains balance and posture
D)	Maintains balance and posture	Controls learning ability	Controls heartbeat

42) Refer to the animals shown here and select the incorrect option regarding them.
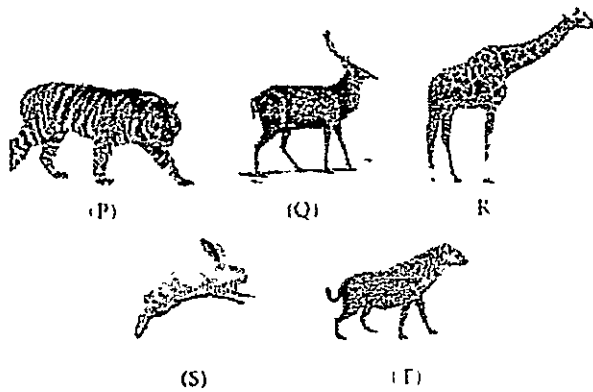
A) Q and R have sharp front teeth for cutting and flat back teeth for grinding.

B) Bodies of P and T are covered with fur.

C) P and T are carnivores whereas Q, R and S are herbivores.

D) P, Q and R are terrestrial animals whereas S and T are arboreal animals.

Space for rough work

43) Refer to the given table.

Plant	Vegetative propagule		
	Stem	Root	Leaf
P	-	✓	-
Q	-	-	✓
R	✓	-	-

Which of the following options correctly identifies plants P, Q and R?

	P	Q	R
A)	Broccolic	Bougainvillea	Sweet potato
B)	Dahlia	Begonia	Ginger
C)	Potato	Bryophyllum	Carrot
D)	Turnip	Hibiscus	Radish

44) Wh.ch of the following animals camouflages?

A)
Scarlet kingsnake

B)
Chameleon

C)
Ant

D)
Viceroy butterfly
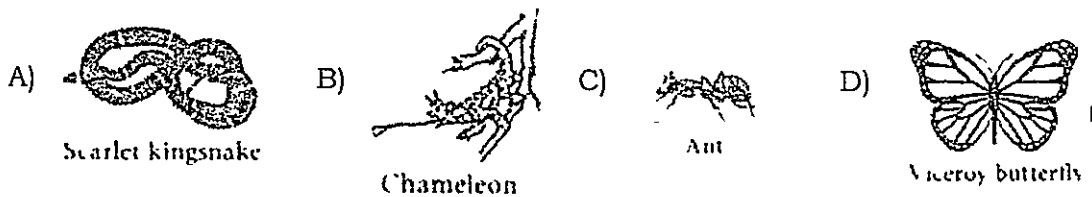
45) Read the given statements and select the option that correctly identifies them as true (T) and false (F) ones.

i) Leaves of plants help in gaseous exchange.

ii) Crops grown in winter are called kharif crops whereas crops grown in summer are called rabi crops.

iii) Seeds of conifers are naked and not enclosed w thin the fruit.

iv) Seeds of Xanthium and dandelion are disoerased by wind and by animal respectively.

	(i)	(ii)	(iii)	(iv)			(i)	(ii)	(iii)	(iv)
A)	T	F	T	F		B)	F	F	T	T
C)	T	T	F	F .		D)	F	T	F	F

Space for rough work.

46) Refer to the give list of few orgars.

i) Lungs	ii) Brain	iii) Nerves	iv) Windpipe
v) Spinal cord			

Which of them belong to the nervous system?

A) (i) and (iv) only

B) (i), (ii) and (iv) only

C) (ii), (iii) and (v) only

D) (i), (ii), (iii), (iv) and (v)

47) Ritesh tried to pull two different boxes filled with different items as shown in the given figure.

Box J   Box K

10 kg of wool   10 kg of rice

He had less difficulty pulling box J than box K. what could the possible reason (s) be?

P. The wool is lighter than the rice.

Q. There is more friction between box K and the floor.

R. There is more friction between box J and the floor.

A) P only   B) P and Q only   C) Q only   D) Q and R only

48) Select the correct option to complete the given analogy.

Crust: Oceanic floors: Mantle: _____

A) Magma   B) Continents   C) Atmosphere   D) None of these

49) Read the given statements and select the option that correctly fills the blanks is any two of them.

i) _____ is not a greenhouse gas.

ii) _____ protocol is an agreement signed by many countries to reduce greenhouse gases.

iii) Any noise above _____ dB is hazardons.

iv) _____ helps to reduce air pollution from factories.

A) (i) carbon dioxide   ii) Kyoto

B) (i) oxygen   iii) 80

C) (ii) Montreal   iv) Catalytic converter

D) (iii) 45   iv) Scrubber

50) Refer to the given experimental set up and select the correct option regarding it.

P. This method of purification of water is called _____.

Q. Y is known as (i) and is used for converting (ii) into (iii).
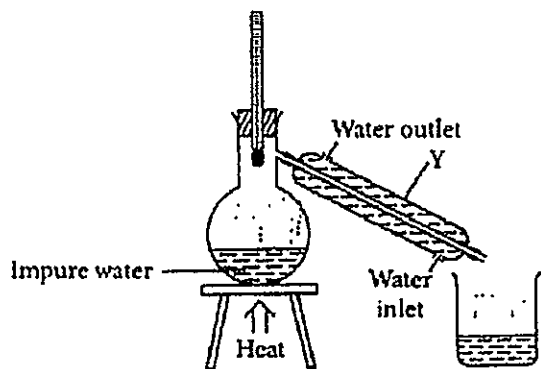
	P		Q
A)	Decantation	i)	Condenser,
		ii)	Water, (iii)- steam
B)	Distillation	i)	Condenser,
		ii)	Steam, (iii)-water
C)	Filtration	i)	Funnel,
		ii)	Steam, (iii)- water
D)	Sedimentation	i)	Funnel,
		ii)	Water, (iii)-steam

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SHRADDHA
OLYMPIAD SCHOOL

Shri. A. R. Tambe Sir's

SHRADDHA
GROUP OF INSTITUTIONS

CLASS : 5th

TIME : 1 Hr.

SOQ EXAM

Subject : MATHS

DATE : 25/02/2024

MARKS : 100

Students Name : _____

SECTION – I

1) Select the INCORRECT match.

   A) Sixty seven lakh five hundred- 6700500.

   B) Thirty lakh six hundred one – 3006001

   C) One crore ninety lakh fifty thousand twenty- 19050020.

   D) Seventy seven crore two lakh ninety five thousand six hundred six- 770295606

2) Find the sum of the greatest 7-digit number and the smallest 6-digit number formed by using digits 9,8,7,4 and 3 (each digit must be used atleast once).

   A) 20333532   B) 103333532   C) 20335322   D) 10333532

3) Find the missing digit so that the number is divisible by 11.

   194* 7171

   A) 8   B) 3   C) 4   D) 5

4) 1 dozen banana weighs 1030g. what is the weight of bananas in kg?

   A) 1.030 kg   B) 1.30 kg   C) 1.003 kg   D) 10.30 kg

5) Convert 14 hours 60 minutes 3600 seconds into days.

   A) 3 days   B) 5 days   C) $\frac{3}{2}$ days   D) $\frac{2}{3}$ day

6) Write the common factors of 196 and 238.

   A) 1,2,7,14   B) 1,2,14,28   C) 2,7,14,28   D) 7,14,28,17

7) A national park has an area of approximately 1217403 acres. This number in expanded form is written as _____.

   A) 12 lakhs + 17 thousands + 4 hundreds + 3 ones.

   B) 1 lakh + 12 thousands + 43 hundreds

   C) 12 lakh + 170 thousands + 43 ones

   D) 120 thousands + 40 tens +3 ones

8) Which of the following is the CORRECT subtraction sentence, if

   P= 2802984, Q= 1793424 and R= 1953240

   A) P – Q = Q – P   B) (P-Q) – R = P- (Q-R)

   C) P- 0=0-P   D) P-P= 0

9) A class has 75 students. $\frac{4}{5}$ of the students in the class went on a trip. How many students do not went on the trip?

A) 50   B) 40   C) 15   D) 60

10) The height of a study table is twice the height of a chair. If the height of chair is 2m 50cm, then what is the total length of the chair and study table?

A) 620cm   B) 700cm   C) 680cm   D) 750cm

11) When the time in Singapore is 22:30 hours, the time in India is 20: 00 hours on the same day. What is the time difference between Singapore and india?

A) 2 hrs   B) 3 hrs 30 mins   C) 2 hrs 30 mins   D) 1 hr 30 min

12) Find the H.C.F. of 140, 256 and 350.

A) 2   B) 7   C) 70   D) 20

13) Rounding off the number shown on the abacus to the nearest hundreds place gives _____ .
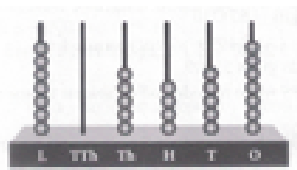
A) 705000   B) 705400   C) 705500   D) 706000

14) Akshit collected 90528 stickers. He distributes the stickers equally among his 12 friends. How many stickers did each friend get?

A) 6420   B) 7544   C) 7210   D) 6894

15) Six bells commence tolling together and toll at intervals of 2,4,6,8,10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?

A) 4   B) 10   C) 13   D) None of these

16) An elevator can bear maximum 500kg of weight at a time. The elevator is used 50 times with maximum capacity in a day. How much maximum weight does it carry in a day?

A) 25000 kg   B) 50000 kg   C) 2500 kg   D) 250000 kg

17) Convert the following 24-hour clock time into 12-hour clock time.

i) 17:30 hours   ii) 23: 55 hours

	(i)	(ii)
A)	05:30 p.m.	11:55 p.m.
B)	05:30 a.m.	11:55 p.m.
C)	05:30 p.m.	11:55 a.m.
D)	05:30 a.m.	11:55 a.m

18) The given bar graph shows the number of students having different kinds of pets. Study it carefully and answer the question.
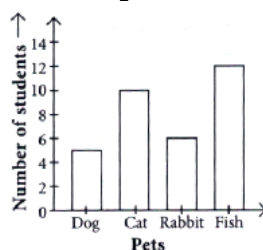
How many more students have cats than the number of students have dogs?

A) 5   B) 10   C) 15   D) 12

19) XLI- XXXIII + XXII= _____.

A) XXXII   B) XXX   C) XXII   D) XXIII

20) Convert 21 days 21 hours 21 minutes into seconds.

A) 1891220 seconds   B) 1189210 seconds

C) 1189621 seconds   D) 1891260 seconds

21) Compare and put the sign '<', '>' or '=' in the box.

1374924+97640234 ☐ 97640234+1374924

A) >   B) <   C) =   D) Can't be determined

22) Find the sum of shaded fractions of the given figures.
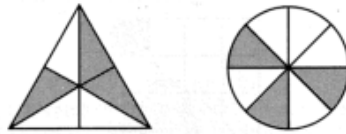
A) $\dfrac{1}{8}$ B) $\dfrac{7}{9}$ C) $\dfrac{7}{8}$ D) $\dfrac{3}{8}$

23) In the month of June, on a particular day, the maximum temperature of Gurugram was recorded as 42^0C. what type of weather it was? Convert the temperature into ^{0}F.

A) Cold, 107.6^0F   B) Cold, 154.5^0F   C) Hot, 176.6^0F   D) Hot, 107.6^0F

24) The given figure shows two ribbons. What is the sum of length of two ribbons?
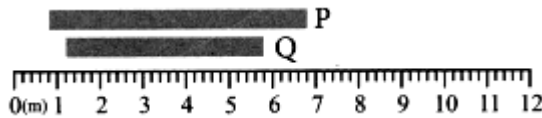
A) 8.8m   B) 10.6 m   C) 7.7m   D) 9.7m

25) Manisha walks 1800 m distance everyday. Find the total distance did she walk in the month of March.

A) 48km 600m   B) 50km 500m   C) 55km 800m   D) 55km 550m

SECTION – II

26) How many acute angles are there in the given figure?

A) 2   B) 4

C) 6   D) None of these
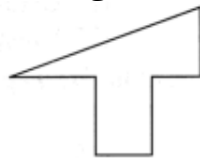
27) What is the least number of squares that must be added so that the line XY becomes the line of symmetry?

A) 4   B) 5

C) 3   D) 6
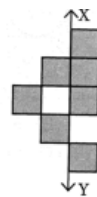
28) What is the area of the shaded part of the rectangle (not drawn to scale)?

A) 325 sq.cm B) 342 sq.cm
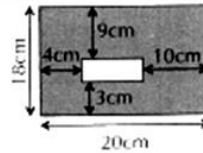
C) 324 sq.cm D) 334 sq.cm

29) _____ is the acute and _____ is obtuse angles in the given figure respectively.

A) ∠XOB and ∠YOB B) ∠AOX and ∠AOY

C) ∠AOY and ∠AOB D) Both (A) and (C)
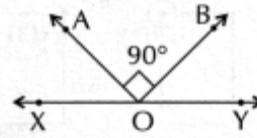
30) The smaller angle shown in the clock is a/an _____ angle.

A) Acute B) Straight

C) Right D) Reflex

31) Match the columns.

	Column A		Column B
P)	360^0	i)	Straight line
Q)	60^0	ii)	Acule angle
R)	120^0	iii)	Complete angle
S)	180^0	iv)	Obtuse angle

A) P- (iii), Q-(ii), R-(iv), S-(i) B) P- (i), Q-(iv), R-(ii), S-(iii)

C) P- (iii), Q-(iv), R-(ii), S-(i) D) P- (i), Q-(ii), R-(iv), S-(iii)

32) How many lines of symmetry does the given figure have?

A) 0 B) 1

C) 2 D) 3

33) The given figure is made up of two triangles having equal sides and a rectangle. Find the perimeter of the whole figure.

A) 30cm B) 34cm
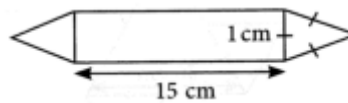
C) 36 cm D) 38 cm

34) To measure the given angle, use _____ scale on the protractor.

A) Outer B) Inner

C) Can't be measure by protractor

D) None of these
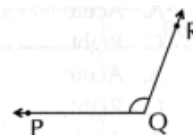
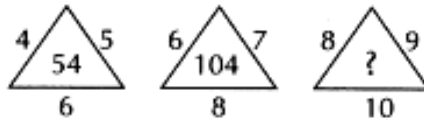35) How Many pairs of parallel lines are there in the given figure?

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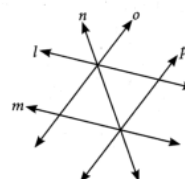
C) 2 D) 3

36) Find the area of the shaded region.

A) 288 sq. cm   B) 270 sq. cm

32 cm
18 cm

C) 580 sq. cm   D) 380 sq. cm
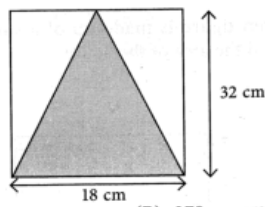
37) Find the missing number, if same rule is followed in all the three figures.

4 5 54 6   6 7 104 8   8 9 ? 10

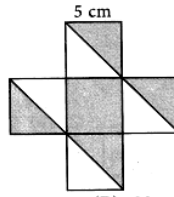A) 170   B) 720   C) 98   D) 89

38) The given figure is made up of 5 identical squares. What is the area of the shaded part?

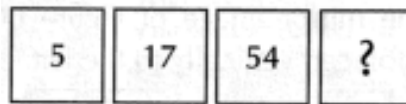A) 90 sq.cm   B) 80 sq.cm

5 cm

C) 65 sq.cm   D) 75 sq.cm

39) Find the missing number.

A) 166   B) 176

| 5 | 17 | 54 | ? |

C) 156   D) 146

40) 2011 is equal to _____.

A) MMXI   B) CCXI   C) LXCI   D) CIV

SECTION – III Achievers

41) Read the given statements carefully and state "T" for true and "F" for false.

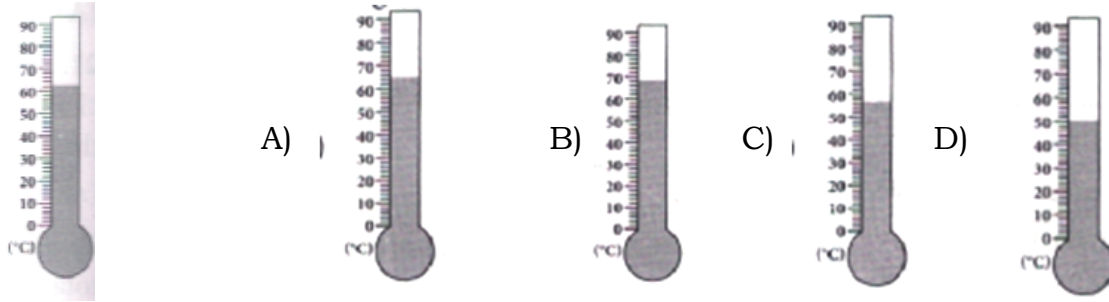i) The shaded fraction of the given figure is $\dfrac{5}{8}$.

ii) If a bag contains 7 red and 8 white balls, then fraction of red balls in the bag is $\dfrac{7}{15}$.

iii) There are 24 eighths is $5\dfrac{1}{4}$.
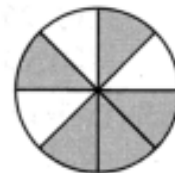
	(i)	(ii)	(iii)
A)	T	F	T
B)	T	T	F
C)	F	T	T
D)	F	F	T

42) Which of the following thermometers shows 6⁰C more the temperature shown in the given thermometer?

A) B) C) D)

43) Read the statements carefully and select the correct option.

Statement- 1: An angle measures less than 90^0, is called an acute angle.

Statement- 2: An angle measures greater then 90^0, is always an obtuse angle.

A) Both statement-1 and statement-2 are false.

B) Both statement-1 and statement – 2 are true.

C) Statement-1 is true but statement-2 is false

D) Statement-1 is false but stement-2 is true

44) Study the given figure and select the correct option.

A) ∠POQ- Straight angle   B) ∠WOU- Obtuse angle

C) ∠TOP- Straight angle   D) ∠QOS- Acute angle
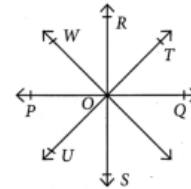
45) The adjoining line graph shows the number of puppies sold by Raj in the past 4 weeks.
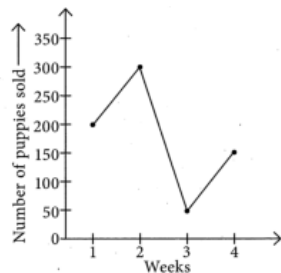
Which of the following statements is true?

A) Number of puppies sold in week 1 and 3 is greater than the number of puppies sold in week 2 and 4.

B) Number of puppies sold in week 1 and 2 is less than the number of puppies sold in week 3 and 4

C) Number of puppies sold in week 1 and 4 is equal to the number of puppies sold in week 3 and 2.

D) None of these

46) Read the statements carefully and select the correct option.

Statement-I: The number 5.04, 5.40, 5.45, 5.145 are arranged in ascending order.

Statement-II: The difference between (7tens 8 tenths and 14 hundredths) and (6 tens 5 tenths) is 10.34.

A) Both statement-I and statement- II are true.

B) Both statement-I and statemetn-II are false.

C) Statement-I is true but statement-II is false

D) Statement-I is false but statement-II is true

47) There are 120 students in a class. $\left(\dfrac{3}{8}\right)$ of them are boys, of which $\left(\dfrac{1}{3}\right)$ wear glasses. $\left(\dfrac{2}{5}\right)$ of the girls wear glasses. How many students wear glasses?

A) 54   B) 30   C) 75   D) 45

48) Anamika rented a cycle from 5:45 p.m. to 8:20 p.m. how much did she have to pay?

Rates	
First hour	Rs 20.25
Every additional half an hour or part thereof	Rs 4.35

A) Rs 44.40   B) Rs 25.40   C) 32.45   D) 37.65

49) Match the mixed fractions in column I with their improper fractions in column II.

	Column I		Column II
i)	$5\dfrac{5}{11}$	p.	$\dfrac{23}{3}$
ii)	$7\dfrac{8}{12}$	q.	$\dfrac{60}{11}$
iii)	$4\dfrac{6}{12}$	r.	$\dfrac{98}{11}$
iv)	$8\dfrac{10}{11}$	s.	$\dfrac{9}{2}$

A) (i) → r, (ii) → q, (iii)→s, (iv)→ p   B) (i) → s, (ii) → r, (iii)→p, (iv)→ q

C) (i) → q, (ii) → p, (iii)→s, (iv)→ r   D) (i) → p, (ii) → r, (iii)→q, (iv)→ s

50) Raman is thinking of a 5-digit odd number. The number is a multiple of 5. Its tens digit is the highest common factor of 32 and 40. Its hundreds digit is the greatest odd number. Its thousands digit is half of its tens digit. What number is he thinking of?

A) 42980   B) 22985   C) 42982   D) 42985

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Total Questions : 50 ■ Time : 1 hr.

Name : _____

SOQ Roll No. : _____ Contact No.: _____

Guidelines for the Candidate

1. You will get additional 10 minutes to fill up information about yourself on the OMR sheet before the start of the exam.

2. Write your **Name, Class & Roll Number** clearly on the **OMR sheet** and do not forget to sign it. We will share your marks / result and other information related to SOQ exams on your mobile number.

3. The question paper comprises three sections:
   Section - 1 : Verbal (20 Q.) **Section - 2** : Non Verbal (20 Q.) **Section 3 :** Achievers Section (10 Q.)

4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.

5. There is only ONE correct answer. Choose only one option for an answer.

6. To mark your choice of answer by darkening the circle on the OMR sheet, use **Black ball point pen** only.
   E.g.
   Q.16. In the water cycle condensation is the process of
   A. Water vapour cooling down and turning into liquid B. Ice warming up and turning into a liquid

   C. Liquid cooling down and turning into ice D. Liquid warming up and turning into water vapour

   As the correct answer is option A, you must darken the circle corresponding to option A on the OMR sheet

   as shown in the figure | **16.** ● ○ ○ ○ |

7. Rough work should be done in the blank space provided in the booklet

8. Return the OMR sheet to the invigilator at the end of the exam.

#उत्कृष्टा की खोज में

1). How many possible combinations of 1 vegetable and 1 fruit can be formed from the given vegetables and fruits?

Vegetable	Fruit
Spinach	Mango
Cauliflower	Apple
Brinjal	Grapes
Bitter gourd	Orenge
Lady finger	

(A)20   (B)22   (C)24   (D)18

2). If pen is called pencil, pencil is called scale, scale is called bag and bag is called rubber, which is I used to carry the book?
(A) Scale   (B) Pen
(C) Rubber   (D) Bag

3). If the alphabets are coded as numbers such that A = 1, B = 2, C = 3 and so on, then what is the code of KING.
(A)17 21 05 14   (B)08 15 18 19
(C)10 01 03 11   (D)11 09 14 07

4). Find the missing number, if a certain rule is followed either row or column-wise.

5	7	144
6	8	196
7	?	169

(A)9   (B)6   (C)7   (D)8

_____

Space for rough work.

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SOQ

CLASS
5

5). Rama and Sarma are siblings. Rita is Sarma's daughter. Rama is Rita's -------.

(A)Sister   (B)Daughter

(C)Aunt   (D)Niece

6). Some alphabets are coded in a certain code as given below.

Letters	C	S	L	O	H
Codes	$	#	@	&	%

What will be the code for SCHOOL?
(A)#$%%&@   (B)@#$$%   (C)#$%&&@   (D)#$&%%@

7). Find the missing number which will complete the given pattern.

        2, 5,11,23,47,?

(A)96   (B)97   (C)95   (D)91

8). Rohan joins a coaching class on 1st April 20XX. If every Wednesday and Sunday is a holiday, then for how many days did he go for coaching class in that month?

April 20XX						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	25	26	27	28	29
30						

(A)20   (B)21   (C)23   (D)22

Space for rough work.

9). If Anup is the brother of Bina. Bina is the sister of Chetan; and Chetan is the father of Dimple, how Dimple is related to Anup?

(A)Brother   (B)Sister   (C)Nephew   (D)Can not determined

10). There is a certain relation between the pair of terms on the either side of ::, Establish the same of the left pair and find the missing term.

UP : WM :: MM : ?

(A)OJ   (B)PJ   (C)OO   (D)PP

11). Which of the following elements will be fifth element to the left of tenth element from the right end in the given arrangement?

2 @ U 3 Y 4 # $ % R + 8 G & ! T

(A)@   (B)U   (C)#   (D)2

12). A girl is facing North. She turns 180° in the anti-clockwise direction and then 225° in the clockwise direction. Which direction is she facing now?

A. West   *B.* North-East
C. South-West   *D.* East

13). How many possible combinations of 1 ball and 1 bat can be formed from the given ball and bat?

(A)20   (B)22   (C)24   (D)28

Space for rough work.

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CLASS
5

14). Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point?

A. 22 km   B. 44 km   C. 12 km   D. 10 km

15). Suresh put his timepiece on the table in such a way that at 6 PM hour hand points to North. In which direction the minute hand will point at 9.15 PM?

(A)South-East   (B) South   (C)North   (D)West

16). Today is Monday. After 61 days, it will be:

(A)Wednesday   (B)Saturday
(C)Tuesday   (D)Thursday

17). Which of the following words cannot be formed from the letters of the given word?   INTERNATIONAL
(A) LATTER   (B) TERMINAL
(C) ORIENTAL   (D) RATIONAL

18). Arrange the following words according to the dictionary order

1. Approach 2. Appropriate 3. Approval 4. Approve

(A) 1342   (B) 1243
(C) 3412   (D) 1234

19). Select the odd one out.
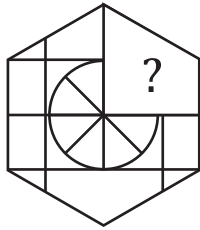
(A)GJ17   (B)NM26   (C)RI27   (D)TO35

20).Which of the following option will complete the given pattern.

A5, B10, D15, G20, K25, ?

(A)P5   (B)Q30   (C)P30   (D)R30

Space for rough work.

21) Which of the following option figure will complete the given Pattern.


(A)   (B)   (C)   (D)
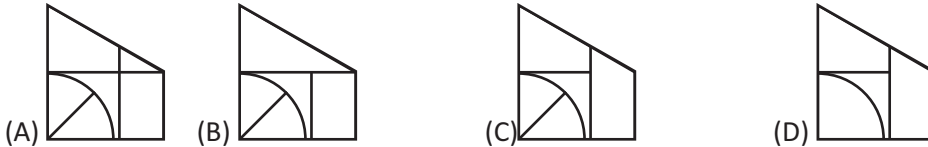
Direction(22 -23):The following questions consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures A, B, C, and D constitute the Answer Set. There is a definite relationship between figures 1 and 2. Establish a similar relationship between figures 3 and 4 by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (4)
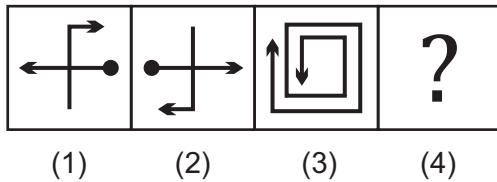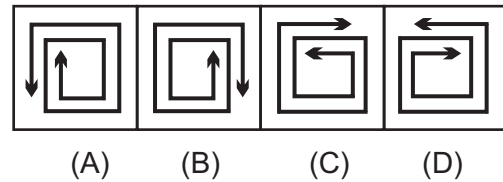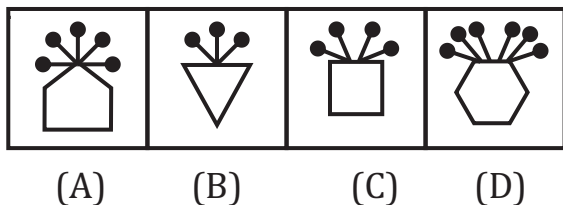
22). Problem Figures: Answer Figures:

(1)   (2)   (3)   (4)   (A)   (B)   (C)   (D)
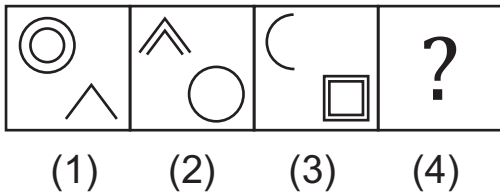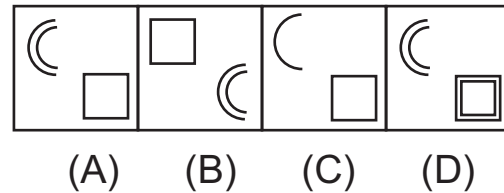
23). Problem Figures: Answer Figures:

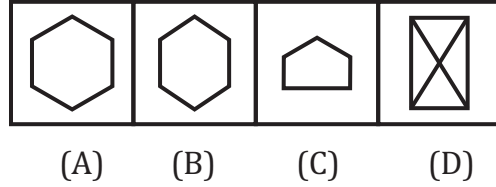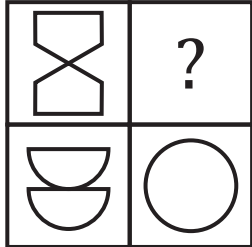(1)   (2)   (3)   (4)   (A)   (B)   (C)   (D)

24). In this problem, out of the four figures marked (A), (B), (C) and (D), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.

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

Space for rough work.

25). In each of the following questions, find out which of the answer figures (A), (B), (C) and (D) completes the figure matrix ?
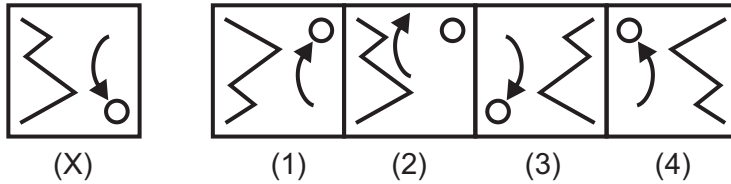

(A) (B) (C) (D)

26). Choose the alternative which is closely resembles the mirror image of the given combination.
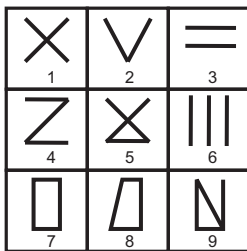
MAGAZINE

A) **MAGAƧINƎ**   B) **ƎNIZAƧAM**

C) **MAGAZINƎ**   D) **ƎNIZAƧAM**

27). Choose the correct mirror image of the given figure (X) from amongst the four alternatives.

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

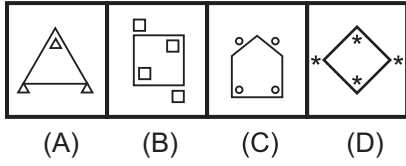(A)1   (B)2   (C)3   (D)4

28). Group the given figures into three classes using each figure only once.

(A)1,2,3 ; 4,5,6 ; 7,8,9   (B)1,3,5 ; 2,4,6 ; 7,8,9

(C)1,5,9 ; 3,6,2 ; 4,7,8   (D)1,9,7 ; 2,8,5 ; 3,4,6

_____

Space for rough work.

29). Find the odd one out.

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

30). How many triangle are there in the given figure.
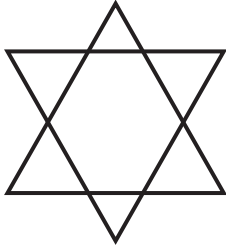
(A)7   (B)8   (C)9   (D)10

31). Which of the following can be the net of the given solid?

(A)

(B)

(C)

(D)

32). Which of the squares should be shaded to make the given figure symmetric?
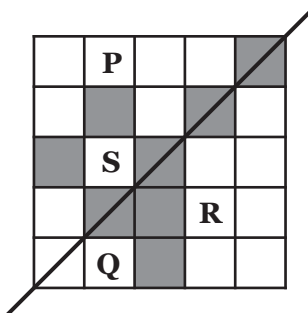
(A) R and S

(B) P and R

(C) R and Q

(D) P and Q

Space for rough work.

33). How many circles are there in the figure given below?
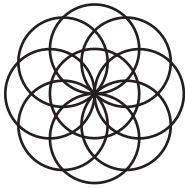
A) 9   **B)** 10   **C)** 11   **D)** 12

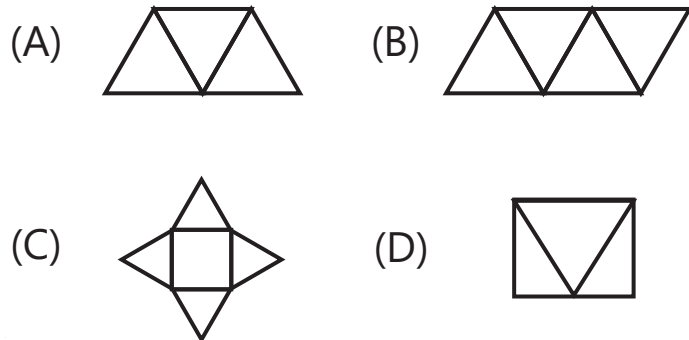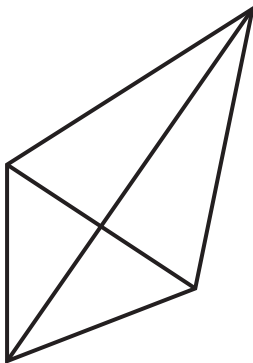34). Choose the correct MIRROR image of the given figure (X) from amongst the four alternatives.
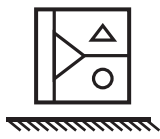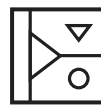
(X)   (A)1   (B)2   (C)3   (D)4

35). Anushka draws 5 dots below. How many triangles can be drawn using any three dots.

· P

Q·   R·   S·

· T

(A)7   (B)6   C) 9   (D)8

36). Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

(a) (b) (c) (d) (e)   (1) (2) (3) (4)

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

Space for rough work.

37). Choose the correct water image of the given figure (X) from amongst the four alternatives.

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

38). Identify the figure that completes the pattern.

        A) 1   B) 2

        C) 3   D) 4

39).Count the number of cube in the given figure.

(A)8   (B)7   (C)9   (D)10

40). In the given question, find the figure from the options which is hidden/embedded in Figure X.
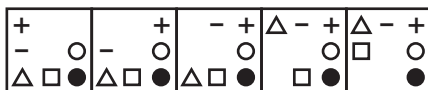
FIGURE X

(A)   (B)   (C)   (D)
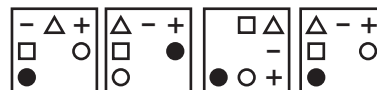
Space for rough work.

41). How many possible combinations of 1 symbol and 1 number can be formed from the given numbers and symbol?

(5 % ^ & * 8 2 3)

(A)20   (B)16   (C)24   (D)28

42). Study the following letters and their corresponding digits code followed by certain conditions of coding and then answer the questions given below them by finding out which of the digits combinations given in (A), (B), (C) and (D) is the coded form of the letters-groups given in each question and mark your answer accordingly.

Letters	P	N	A	J	I	R	E	B	U	K
Digits/Codes	5	3	9	1	4	6	2	7	0	8

Conditions(I)   If both the first and the last letters in the group are consonants, both should be coded as #.

What is the code of **KUNAJB.**

(A) 803917   (B) 0391 (C) #0391#   (D) #0391$

43). In a group of five girls, Kajal is second tallest. Pooja is taller than Monika. Ritika is the tallest and Neha is taller than Pooja. If they are arranged in ascending order of their heights, then who is at the third position?

A) Monika   **B)** Ritika

C) Neha   **D)** Pooja

Space for rough work.

44). Read the following information carefully and answer the question given below.
Ravi and Kunal are good in Hockey and Volleyball. Sachin and Ravi are good in Hockey and Baseball. Gaurav and Kunal are good in Cricket and Volleyball. Sachin, Gaurav and Michael are good in Football and Baseball.

Who is good in Hockey, Cricket and Volleyball?

A) Sachin   **B)** Kunal

C) Ravi   **D)** Gaurav

45). A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting?

Between B and D   (B)Between B and C
Between E and D   (D)Between C and E

46). Which of the following option figure is the water image of the given figure.

US91Q4M5W3
(A) ∩2ԑⅠՕᴕ⋈2⋈Ɛ   (B) ∩2ԑⅠՕᴕ⋈2⋈3
(C) ∩2ԑⅠՕᴕ⋈ɛ⋈3   (D) ∩2ԑⅠՕᴕ⋈2⋈3

47). How many figures have 9 cubes.
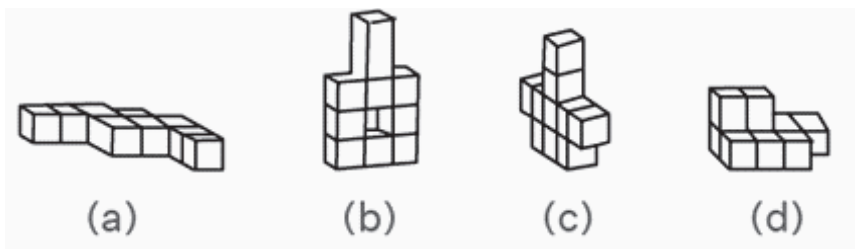
(a)   (b)   (c)   (d)

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

- -
Space for rough work.

48) Count the number of rectangles in the given figure.
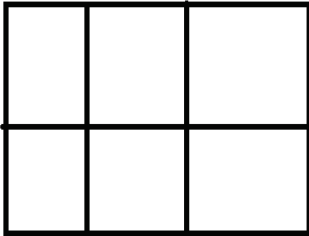
(A)18   (B)6   (C)9   (D)15

49). Which option figure will complete the given series.
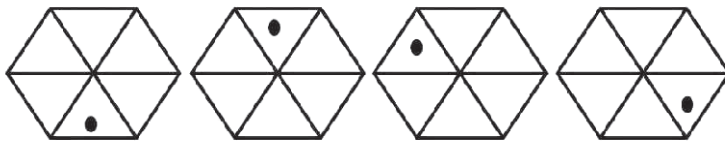
(A)   (B)   (C)   (D)

50). There are five figures given below. One of them is titled X. Find an image that when overlapped with the image labelled X doesn't change at all?

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

A) 1   B) 2   C) 3   D) 4

- -
Space for rough work.

Space for rough work.

Space for rough work.

Space for rough work.

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Total Questions : 50 **Time : 1 hr.**

Name : ....

SOQ Roll No. : .... Contact No.: ....

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   Section - 1 : Grammar & Vocabulary (20 Q.) **Section - 2 :** Comprehension (20 Q.) **Section 3 :** Achiever's Section (10 Q.)

4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.

5. There is only ONE correct answer. Choose only one option for an answer.

6. To mark your choice of answer by darkening the circle on the OMR sheet, use **black ball point pen** only.
   E.g.
   Q.16. In the water cycle condensation is the process of
   A. Water vapour cooling down and turning into liquid   B. Ice warming up and turning into a liquid

   C. Liquid cooling down and turning into ice   D. Liquid warming up and turning into water vapour

   As the correct answer is option A, you must darken the circle corresponding to option A on the OMR sheet

   as shown in the figure | **16.** ● ○ ○ ○ |

7. Rough work should be done in the blank space provided in the booklet

8. Return the OMR sheet to the invigilator at the end of the exam.

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CLASS
5

SECTION - I - GRAMMAR AND VOCABULARY

[Directions (For Q.1 to Q.08): Read the questions carefully and choose the suitable antonym for the underlined word to fill in the blanks.]

1._____ is the masculine gender of **'bee'.**

(A) Drake

(B) Earl

(C) Colt

(D) Drone

2. Fill the blanks with suitable adverb to complete the sentence;

'She pronounced the word _____ correctly.

(A) quiet

(B) quickly

(C) Certainly

(D) None of these

3. Fill in the blanks with suitable preposition.

'I read the paper _____ it interests me.'

(A) but

(B) or

(C) for

(D) because

4. Choose the correct future continuous tense form of the verb to complete the sentence.

They _____ to Switzerland on day after tomorrow.

(A) will have traveled

(B) Will travel

(C) will have been travelling

(D) will be travelling

5. Choose the appropriate degree of adjective to fill the blank and complete the sentence. 'Wolfram is one of the _____ minerals.'

(A) rarer

(B) rarest

(C) most rare

(D) more rare

CLASS 5

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6. Choose the correct Passive sentence of the following given active sentence.

Active: Who did this?

Passive: _____

(A) Whom was doing this?   (B) Whom by was this done?

(C) By whom is this done?   (D) By whom was this done?

7. Choose the suitable form of verb to complete the passive voice.

Active: The peon opens the gate.

Passive: The gate _____ by the peon.

(A) has opened   (B) is opened

(C) are opened   (D) was opened

8. Add appropriate question tag -'Somebody has called, _____?'

(A) hasn't they   (B) have they

(C) haven't they   (D) has they?

[Directions (For Q.9 to Q.10): Choose the suitable synonyms for the following given words.]

9. Consent

(A) Object   (B) Agree

(C) Contain   (D) Charm

10. Hazard

(A) Fortunate   (B) Spurious

(C) Peril   (D) None of these

[Directions (For Q. 11 to Q.12): Choose the suitable antonyms for the following given words.]

11. Tiny

(A) Colossal   (B) enormous

(C) Huge   (D) All of these

12. Rough

(A) Enemy   (B) Coward

(C) Smooth   (D) small

[Directions (For Q.13 to Q.20): Choose the most suitable option to answer the question in the following as directed.]

13. Choose the most suitable suffix to form the adjective from the noun '**female'.**

(A) - ine   (B) - es

(C) - ile   (D) –ous

14. They rested **at sunset**. [Name the type clause of the underlines group of words.]

(A) Adjective clause   (B) Noun clause

(C) Adverb clause   (D) None of these

15. Pick out the phrase from the given sentence; 'The sun rises in the east.'

(A) in the east   (B) the sun rises

(C) rises   (D) rises in the east

16. Identify the tense of the given sentence; 'He is a good boy'.

(A) Simple past   (B) Simple present

(C) Past perfect   (D) Simple future

17. Which of the following noun can be used both as a singular and as a plural?

(A) Ox   (B) dozen

(C) Cargo   (D) All of these

18. What could be the feminine gender of **'Wizard'?**

(A) Witch   (B) Wich

(C) Wizardess   (D) Which

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19. 'They were having a **vague** idea about operating the new robot.' – What does the underlined mean?

(A) Not clear   (B) Very clear

(C) Very few   (D) All of these

20. This special word means: 'a fire or light set up in a high position as a warning, signal.'

(A) Beckon   (B) Backon

(C) Bacon   (D) Baicon

SECTION – II – COMPREHENSION

[Directions (For Q.21 to Q.25): Read the given passage carefully and choose the most appropriate answers for each question from the given options.]

Hardik lives in a big city. He is a tailor. He is a very poor man so he is not able to get enough food for his family. He has a wife and a small son. His son, Anil is very naughty and a lazy boy He never listens or obeys his parents. He plays in the streets with other naughty boys. One day his father takes him to a school. There he sees many children who obey their teachers. They learn many good habits in the school. They also read and write well. Anil feels sorry and starts changing himself. His parents are very happy now.

21. Why Hardik was not able to get enough food for his family?

(A) He was living in a big city

(B) He was very poor man

(C) He was a tailor

(D) None of these

22. 'Hardik was a _____ man.' – Which of the following adjective is not suitable to fill the blanks?

(A) poor   (B) rich

(C) Both B and D not A   (D) lazy

23. 'He has a wife and a small son.' Pick out the verb from the sentence given

(A) Has   (B) He

(C) And   (D) Small

24. When did Anil's parents become happy?

(A) When he started to change himself.

(B) Whenever he was disobedient

(C) When he made different friends in the school.

(D) When he started to work

25. Find the parts of speech of the underlined word in the following sentence.

'He **never** listens or obeys his parents.'

(A) Preposition   (B) Adjective

(C) Noun   (D) Adverb

[Directions (For Q.26 to Q.30): Read the given passage carefully and choose the most appropriate answers for each from the given options.]

Mohan wanted to bring home a furry friend. He visited an animal shelter to adopt a pet. As he entered, he saw puppies and kittens of various breeds, all looking for a loving home. Mohan spent time with each animal, playing and cuddling with them. Finally, he came across a playful kitten who instantly stole his heart. Mohan named her Bella and promised to take care of her forever. Bella became Mohan's constant companion and brought immense joy into his life.

26. Who was Bella?

(A) A dog   (B) A cat

(C) A puppy   (D) None of these

27. Who could be a furry pet for Mohan?

(A) A cat   (B) All of these

(C) A puppy   (D) A kitten

28. 'Bella became Mohan's constant companion and brought immense joy into his life.' – How many **independent clauses** are there in the sentence given?

(A) Two   (B) No independent clause

(C) Three   (D) One

29. 'Mohan spent time with each animal.' – Name the tense of the given sentence.

(A) Past Continuous   (B) Simple past

(C) Past perfect   (D) Simple present

30. Choose the wrong statement according to the given passage?

(A) Mohan was a pet lover.

(B) He visited an animal shelter to adopt a pet.

(C) Bella was a puppy.

(D) He adopted the pet after spending a lot of time with them.

[Directions (For Q.31 to Q.35): Read the given passage carefully and choose the most appropriate answers for each from the given options.]

The Iron Man of India, Sardar Patel, was a great leader in the 20th century. He passed away almost two years after Mahatma Gandhi. He was such a sensitive and giving person that he appeared disappointed when his followers expressed concern. Because of his sharp mind, Sardar Patel was the man who managed to organize things without any difficulty. He was also very adept at choosing the appropriate candidates for the appropriate positions. He served as India's Home Minister during the 1947 India-Pakistan War. On December 15, 1950, he passed away.

31. Who is the Iron Man of India?

(A) Sardar Patel   (B) Mahatma Gandhiji

(C) Jawaharlal Nehru   (D) None of them

32. What is meant by the idiom '**pass away?**

(A) To pass in an examination.   (B) To win a war

(C) To die   (D) To kill

33. If Sardar Patel lived until 1950, then in which year did Gandhi die according to the passage?

(A) 1950   (B) 1952

(C) 1949   (D) 1948

34. What is the antonym of the word '**vanish**', as described in the passage?

(A) Disappoint   (B) Appear

(C) Express   (D) Manage

35. '**He** served as India's Home Minister during the 1947 India-Pakistan War' – What part of speech is the underlined word in the given sentence?

(A) Subject   (B) Pronoun

(C) Noun   (D) Conjunction

[Directions (For Q.36 to Q.40): Read the given passage carefully and choose the most appropriate answers for each from the given options.]

The grandeur of a drawing room and a living room is best felt when there is an element of nature's pride possession – a tree, or an indoor plant, or even for that matter a sapling. Children as of now get to see less of greenery and more of technologically driven software parks. Fortunately we have come to a point where we can bring the world of flora to our homes.

In the emerging world scenario, interior decoration has become a passion and a dictum of healthy living. They are of planting in small pots with its branches neatly trimmed gives rise to small neat structures of plants. These plants are easy to grow indoors as long as they have soil, air, light, and water. Plants can be grown in the house all year around. Of late Bonsai have attracted the attention of one and all. Botanists say that bonsai are ornamental trees or shrubs grown in a pot and artificially prevented from reaching their normal size. The Japanese specialize in bonsai and Ikebana; the latter flowers are displayed according to strict rules.

36. What is the synonym for '**splendour**', as described in the given passage?

(A) Grandeur   (B) Passion

(C) Element   (D) Dictum

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37. What do we call the one who research and study on plants?

(A) Zoologist   (B) Botanist

(C) Chemist   (D) Biologist

38. Which of the following is the correct meaning of the word **'sapling'**?

(A) An old tree   (B) A bushy plant

(C) A young tree   (D) All of these

39. Which statement is not applicable for Bonsai Trees?

(A) They grow indoors.

(B) They need soil, air, light, and water to grow

(C) They are considered as ornamental trees.

(D) They have massive stem and lush leaves.

40. Which country is specialized in preparing Bonsai plants?

(A) India   (B) Japan

(C) Unites States   (D) China

SECTION – III – ACHIEVER'S

[Directions (For Q.41 to Q.42): Read the given questions carefully and choose the most appropriate answers for each from the given options.]

41. O what a fall was there my countrymen Long live the King – How many punctuation marks are missing in the given sentence?

(A) two commas and one exclamation mark and one full stop

(B) two commas and one exclamation mark

(C) one comma and one exclamation mark

(D) two commas and two exclamation marks

42. **"go then "said the Ant, "and dance winter away "**– How many punctuation mistakes are there in the given sentence?

(A) Three　　　　　　　　　　(B) Four

(C) Five　　　　　　　　　　(D) None

[Directions (For Q.43 to Q.44): Read the given questions carefully and choose the correct answer from the following options.]

43. What can be the passive sentence of the given active sentence?

　　Active: They will be working on this project.

　　Passive: _____

(A) This project would be worked by them.

(B) This would be working on this project.

(C) This project will being worked by them.

(D) No passive form.

44. Choose the sentence in which the superlative degree is changed into the positive degree correctly.

'Cohin is one of the best seaports in India.'

(A) Cohin is better than any seaport in India.

 (B) No seaport is as good as Cohin in India.

(C) No other seaport in India is the best than Cochin

 (D) None of these

[Directions (For Q.45 to Q.46): Read the conversations carefully and choose the most appropriate dialogues from the given options.]

45. If someone suggests watching a movie, going to a restaurant or taking a break, and if you agree with him/her/them, how would you answer?

(A) No, I've got some work.　　　(B) That sounds good.

(C) I am not sure.　　　　　　(D) Can I call others too?

46. This is a friendly and casual way of saying goodbye. It means "have a good day."

(A) Enjoy your day.   (B) Have a good one.

(C) Take a good one.   (D) All of these

[Directions (For Q.47 to Q.48): Choose the correctly spelled word from the following options.]

47. This word means '**free time'.**

(A) Leissure   (B) Liesure

(C) Leisure   (D) Laisure

48. This word mans to a system in which members of an organization or society are ranked according to relative status or authority.

(A) Hierarchy   (B) Hirarchy

(C) Hiererchy   (D) Heirarchy

[Directions (For Q.49 to Q.50): Choose the suitable phrase/ idiom that give us the following meaning.]

49. 'I have **found** a good plan to get rid of him.' – Which phrase or idiom can replace the underlined verb?

(A) hit upon   (B) closed with

(C) fixed upon   (D) led up to

50. Choose the most suitable idiom to complete the dialogue.

Ram: It's already 5 'O' clock.

Sanjay: Ok. Let's _____ and leave for the party.

(A) beat around the bush   (B) give it a shot

(C) call it a day   (D) spin a yarn

Space for rough work.