



#### 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 (20Q). Section 2 : EVS & Space Science (20Q.)
  - **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.





# SECTION - I - GENERAL SCIENCE

1) Energy-giving foods are								
	A) carbohydrate	s and vitamins	B) carbohydrates and	B) carbohydrates and proteins				
	C) carbohydrate	s and fats	D) proteins and fats	D) proteins and fats				
2)	The number of p	permanent teeth is _						
	A) 38	B) 32	C) 20	D) 36				
3)	Select the option method of cooki		e members is WRONGLY	Y placed on the babis of				
	A) Idli, Dhokla,	Momos	B) Puri, Samosa, Vad	a				
	C) Meat, Brinjal	, Potato	D) Milk, Pusles, Muff	in				
4)	After food is pre	pared by photosynt	hesis, is given o	off.				
	A) glucose	B) water	C) oxygen	D) protein				
5)	Coconut tree is	an example of	tree.					
	A) evergreen	B) deciduous	C) cactus	D) floating				
6)	Terrestrial anim	als live on						
	A) land	B) water	C) air	D) tree				
7)	The substance t	hat is able to dissol	ve solute is called	·				
	A) steam	B) solvent	C) solution	D) crystal				
8)	Refer to the give	en figure.						
	Paint	TILK TO THE TOTAL THE TOTAL TO THE TOTAL TOT						
	Arrangement of	molecules in these	substances will be					
	A)	B)	C)	D) None of these				
		 Spac	— — — — — — — — — — — — — — — — — — —					



9)	A moving football o	comes to a stop du	e to				
	A) gravity	B) friction	C) wind energy	D) all of these			
10)	Which of the follow	ving is NOT an exa	mple of work?				
	A)	B)	C)	D) • • • • • • • • • • • • • • • • • • •			
11)	Which of these is a	blood-sucking par	rasite?				
	A) Butterfly	B) Leech	C) Bee	D) None of these			
12)	Eggs of fish are pro	otected by a					
	A) hard shell	B) soft shell	C) jelly-like material	D) cocoon			
13)	is the proces	ss of losing water f	rom the stomata of the le	eaves.			
	A) Photosynthesis	B) Transpiration	C) Adaptation	D) Absorption			
14)	Excess gets s	stored under the sk	xin.				
	A) Protein	B) Vitamin	C) fat	D) roughage			
15)	The microbes that	have three main sl	napes, rod, spiral and ro	und, are			
	A) bacteria	B) viruses	C) protozoa	D) fungi			
16)	Rohan falls ill very	frequently. What s	should he take to improv	e his immunity?			
	A) Fruits and veget	ables everyday	B) A glass of milk twice	a week			
	C) Bread and butte	er twice a day	D) chapatti with dal dai	ly in evening			
17)	Stomata are mostly	y found of	the leaves.				
	A) on top	B) on midrib	C) on underside	D) on the edge			
18)	One feature of sub	merged plants is tl	nat				
	A) they have many	stomata	B) they do not have stor	mata			
	C) their leaves are	broad	D) they have stems with air pockets				



Camels have	$\_$ to protect then	mselves from heat of the s	sun.
A) long eyelashes		B) small ear	
C) long tail		D) thick skin	
•	-	9	1
A) Stem	V		
B) Trunk	A	Y	
C) Fruit			
D) Flower			
The animal shown	in the given figu	re can breathe in water b	ecause it has
A) Lungs			
B) Gills		<b>C</b>	
C) Moist skin		25	
D) Spiracles			
Bumblebee bat is a	à		
A) bird	B) mammal	C) insect	D) snake
A sewing machine	needs to be oiled	to reduce	
A) energy	B) elasticity	C) gravity	D) friction
energy is cha	inged into	energy in the activity sho	own in the picture.
A) Mechanical, sou	ınd		
B) Muscular, sound	d		
C) sound, electrica	1		
D) Heat, sound			
In a hydropower st	ation, energy of	moving water changes to	energy.
A) Frictional	B) ElectricalC)	Mechanical	D) Wind
	·		
	Space	e for rough work.	
	A) long eyelashes C) long tail The picture shows leaves of the trees. A) Stem B) Trunk C) Fruit D) Flower The animal shown A) Lungs B) Gills C) Moist skin D) Spiracles Bumblebee bat is a A) bird A sewing machine A) energy energy is cha A) Mechanical, sound B) Muscular, sound C) sound, electrical D) Heat, sound	A) long eyelashes C) long tail The picture shows the parts of a traleaves of the trees. Which part of a A) Stem B) Trunk C) Fruit D) Flower The animal shown in the given figural A) Lungs B) Gills C) Moist skin D) Spiracles Bumblebee bat is a A) bird B) mammal A sewing machine needs to be oiled A) energy B) elasticity ————————————————————————————————————	C) long tail  D) thick skin  The picture shows the parts of a tree grown on hills where 'X leaves of the trees. Which part of a tree growing in plains, 'Y'  A) Stem  B) Trunk  C) Fruit  D) Flower  The animal shown in the given figure can breathe in water be A) Lungs  B) Gills  C) Moist skin  D) Spiracles  Bumblebee bat is a  A) bird  B) mammal  C) insect  A sewing machine needs to be oiled to reduce  A) energy  B) elasticity  C) gravity  energy is changed into energy in the activity shown in the given figure can breathe in water be a compared to the property of moving water changes to gravity.



# **SECTION - II - EVS AND SPACE SCIENCE**

26)	6) Avoid wearing clothes in the kitchen.									
	A) woollen	B) silk	C) cotton	D) synthetic						
27)	Select the <b>INCORF</b>	RECT option.								
	A) We should alway	ys walk in the mid	dle of the road.							
	B) We should not p	out our hand out o	f a moving vehicle.							
	C) We should not p	olay with sharp obj	ects.							
	D) We should alwa	ys wait for our tur	n in playground to ride a	swing.						
28)	3) is made from natural fibres.									
	A) Royan	B) Polyester	C) Cotton	D) Nylon						
29)	Which type of cloth	nes are best suited	to wear in winters?							
	(i) Light coloured	(ii) Woollen	(iii) Loose	(iv) Thick						
	A) (ii), (iv) and (v) o	nly	B) (i), (ii) and (iii) only							
	C) (ii), (iii) and (iv)	only	D) (i), (ii) and (iv) only							
30)	Revolution of the E	Earth causes	·							
	A) winds	B) day	C) seasons	D) night						
31)	Warm air is	_ than cold air.								
	A) Heavier	B) Lighter	C) Denser	D) Soft						
32)	The Earth's	_ is tilted at an ang	gle of 23.5°.							
	A) equator	B) axis	C) orbit	D) moon						
		·								



33) What is the Hindi name of smallest planet (P), red planet (Q) and third largest planet (R)?

	P	Q	R
A)	Budh	Shani	Varun
B)	Budh	Mangal	Arun
C)	Varun	Mangal	Brihaspati
D)	Shukra	Shani	Budh

34)	will help to reduce water polluti	on.
	A) Use of fertilizers	B) Sewage treatment
	C) Dumping radioactive waste	D) None of these
35)	To treat bee sting, we can use a paste	e of and ice pack.
	A) custard powder	B) flour paste
	C) mud pack	D) baking soda
36)	Read the given statements and select	the correct option.
	A) We can accept eatables from stran	gers in the park but not at home.
	B) If any of your younger siblings is sown.	ick you can give him/her medicines on your
	C) We must not wear seat belt while t	ravelling in a car.
	D) We should always keep first aid bo	ox at home
37)	We clothes should be dried in the sur	n, because the sun's heat
	A) enriches colour	B) kills germs
	C) saves water	D) removes stains
38)	Select the option in which odd one is	encircled correctly.
	A) Nylon, Rayon, Polyester, Silk	
	B) Cotton, Jute, Wool, Linen	
	C) Sweater, Cardigan, Shorts, Muffl	er
	D) Raincoat, Umbrella, Sweater, Gur	mboots



39)	During winter,	water va	apours (	condense	into	tiny	droplets	that	remain	suspen	ded i	n
	the air. This is	called										

A) fog

B) dew

C) hail

D) frost

- 40) What is the importance of water cycle for living organisms?
  - A) It prevents water pollution.
  - B) It provides energy to plants for synthesising their food.
  - C) It kills bacteria and viruses that are present in water.
  - D) It ensures a constant supply of freshwater on the Earth.

# **SECTION - III - ACHIEVER'S**

41) Ambika classified animals according to their adaptations to food habits. By mistake she placed one wrong member in each group. Identify this odd member and select the INCORRECT option.

**Group I:** Lice, Stick insect, Leech

Group II: Eagle, Hyena, Vulture

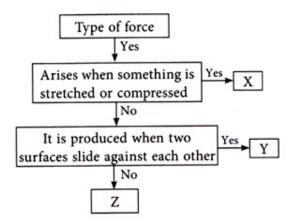
Group III: Tiger, Snake, Bear

Group IV: Spider monkey, Koala bear, Bat

- A) Stick insect insect in group I should be replaced by ticks.
- B) Eagle in group II should be replaced with jackal.
- C) Eagle in group III should be replaced with jackal.
- D) Bat in group IV should be replaced by elk.

•
Space for rough work.

42) Refer to the given flow chart and select the correct option.



- A) X could be used to lift objects and do exercises.
- B) Y could be used by pole vaulters to jump higher.
- C) Z could be used to slow down a moving object.
- D) X could be elastic force, Y could be frictional force and Z could be gravitational force.
- 43) Which of the following can be separated by filtration?
  - (i) Sugar-water mixture

(ii) Chalk powder-water mixture

(iii) Salt-water mixture

(iv) Oil-water mixture

- (v) Sand-water mixture
- A) (iii) and (iv) only

B) (ii) and (v) only

C) (i), (iv), and (v) only

- D) (ii), (ii) and (iv) only
- 44) Unscramble the given words in column I and match them with their correct description in column II and select the correct option from the given codes.

Column I	Column II
a) OMVULE	(i) Change of gas into liquid
b) NNDSCAETOINO	(ii) Mixture of solute and solvent
c) OTNSIUOL	(iii) Smallest particle of matter
d) TAMO	(iv) Amount of space taken by a matter

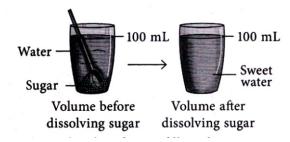
A) 
$$(a) - (iv)$$
,  $(b) - (i)$ ,  $(c) - (ii)$ ,  $(d) - (iii)$ 

B) (a) 
$$-$$
 (iv), (b)  $-$  (ii), (c)  $-$  (i), (d)  $-$  (iii)

C) (a) 
$$-$$
 (iii), (b)  $-$  (i), (c)  $-$  (iv), (d)  $-$  (ii)

D) (a) 
$$-$$
 (ii), (b)  $-$  (i), (c)  $-$  (iv), (d)  $-$  (iii)

45) Study the given experiment. Why does the volume of sweet water remain same as that of water?



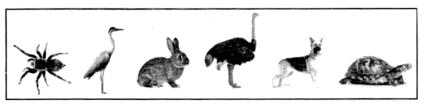
- A) The molecules of water fill up the empty spaces between the molecules of sugar.
- B) Sugar is insoluble in water and it settles down at the bottom.
- C) The molecules of sugar fill up the empty spaces between the molecules of water.
- D) The sugar molecules take up extra space in water.
- 46) Match column I with column II and select the correct option from the given codes.

Column I	Column II
P. Lever	(i) In steering wheel
Q. Pulley	(ii) Slider in the park
R. Screw	(iii) Scissors to cut paper
S. Wheel and axle	(iv) To hold two pieces of wood together
	(v) To lift a damaged car with the help of crane
	vi) To cut large piece of wood

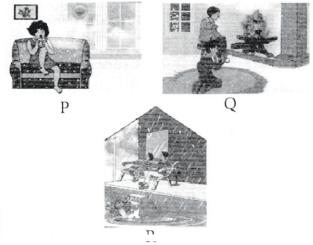
	P	Q	R	S		P	Q	R	S
A)	(ii)	(iii)	(i)	(v)	B)	(iii)	(v)	(iv)	(i)
C)	(vi)	(i)	(ii)	(iii)	D)	(i)	(vi)	(iv)	(v)



47) Which of the following is the common characteristic among the animals shown in the given box?



- A) They are warm-blooded animals.
- B) They feed on other living things.
- C) They hatch from eggs.
- D) They cannot fly.
- 48) Refer to the given figures.



- I) We should wear waterproof clothes and rubber boots in this season while going out.
- II) We should wear clothes made from plant fibre in this season.
- III) Clothes that can trap air between them should be worm in this season.

Select the option that correctly matches the season with the type of clothes that should be worn in it.

A) I-Q, II-R, III-P

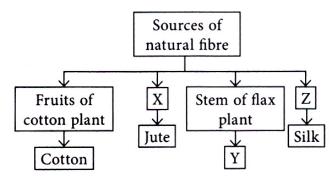
B) I-P, II-R, III-Q

C) I-R, II-P, III-Q

D) I-Q, II-P, III-R

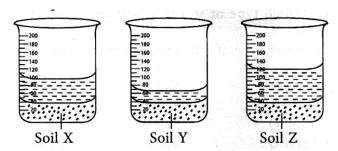


49) Refer to the given flow chart and select the correct option regarding it.



	X	Y	Z
A)	Leaves of jute plant	Coir	Cocoon of silkworm
B)	Stem of jute plant	Coir	Egg of silkworm
C)	Stem of jute plant	Linen	Cocoon of silkworm
D)	Fruit of jute plant	Linen	Egg of silkworm

50) Tanmay took three beakers and put same amount of different types of soil X, Y and Z in them. He then poured same amount of water (140 ml) in each beaker at the same time. Result of the experiment is shown as below.



- (i) Which soil is best suited for plant growth?
- (ii) Which soil is used for making pots?

	( <b>i</b> )	(ii)		(i)	(ii)	
A)	Soil-X	Soil - Y	B)	Soil-X	Soil – Z	
C)	Soil-Y	Soil – X	D)	Soil-Z	Soil – X	













# Shri. A. R. Tambe Sir's SHRADDHA



CLASS: 4

**SOQ EXAM** 

DLYMPIAD SCHOOL

DATE: 25/02/2024

TIME: 1 Hr,

**Subject: MATHS** 

**MARKS: 100** 

Students Name:

#### **SECTION - I**

1) Find diameter/radius.

	Radius	Diameter
a)	8 cm	
b)		20 cm
c)	$7\frac{1}{2}$ cm	
d)		13 cm

A) 16, 10, 13,  $7\frac{1}{2}$ 

B) 16, 10, 15,  $6\frac{1}{2}$ 

C) 10, 16, 13,  $7\frac{1}{2}$ 

- D)  $6\frac{1}{2}$ , 10, 15, 16
- 2) In which of the following options, 7 is not at hundreds place?
  - A) 2790
- B) 3578

- C) 4789
- D) 5785

3) 50 minutes after the time shown in the given

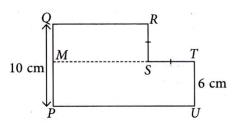
clock is \_\_\_\_\_.

- A) 6:35
- B) 6:25
- C) 7:15
- D) 6:15



- 4) Find LCM of 20, 24, 36
  - A) 580
- B) 400

- C) 720
- D) 650
- 5) Given figure is made up of two rectangles. Find the length of RS.



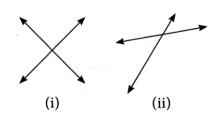
- A) 3 cm
- B) 4 cm

- C) 8 cm
- D) 5 cm

- Find prime factors of 280 is 6)
  - A)  $2 \times 7 \times 5$
- B)  $2^3 \times 5 \times 7$
- C)  $2^4 \times 7$  D)  $10 \times 7 \times 2^2$
- How much does cost? 7)



- A) Rs. 100
- B) Rs. 150
- C) Rs. 205
- D) Rs. 180
- What date falls on 10th day after 15th August? 8)
  - A) 24th August
- B) 25th August
- C) 26th August D) 28th August
- + = 125 and = + 4, then find the value of 9) B) 45 C) 50 D) 92
- 10) Which of the following figures shows the pair of intersecting lines?



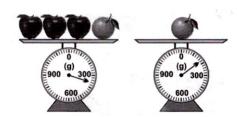
- A) only (i)
- B) only (ii)
- C) Both (i) and (ii)
- D) Neither (i) nor (ii)

- 11) Select the CORRECT match.
  - A) 450 mm = 4500 cm

- B) 2 m 10 cm = 210 cm
- C) 24570 m = 2457 km

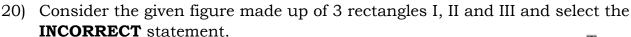
- D) 5 dm = 500 cm
- 12) Find the value of  $3\frac{4}{5} + 4\frac{3}{5} 1\frac{1}{5}$ .
  - A)  $3\frac{1}{5}$
- B)  $2\frac{1}{5}$
- C)  $7\frac{1}{5}$  D)  $4\frac{1}{5}$

13) What is the weight of each apple?

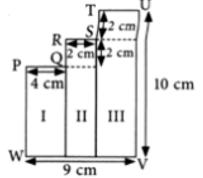


- A) 40 g
- B) 60 g
- C) 240 g
- D) 90 g

14)	In the given polyg	gon, number of sides is	and number	er of vertices is
	A) 7, 6	$\wedge$		
	B) 6, 6			
	C) 5, 5			
	D) 4, 7			
15)		O cm of cloth. If she need nuch cloth will remain af	•	
	A) 2m 60cm	B) 1m 60cm	C) 1m 30cm	D) 5m 60cm
16)	Who among the fo	ollowing holds the greates	st value?	
	CLX P	CMLXIX Q		
	A) Q	В) Р	C) R	D) Can't say
17)	How many lines o	of symmetry does the give	en figure have?	
	A) 0			
	B) 1			
	C) 2			
	D) 3			
18)	Find the perimete	r of a square with side 5	cm.	
	A)17	B) 20	C) 40	D) 16
19)	How long did Var	un take to complete his h	nomework?	
	A) 1 hr 45mins	31 12	11 12 1	
	B) 1 hr 30 mins	9	23 70 23	
	C) 1 hr 50 min	7 6	5 7 6 5	
	D) 1 hr 40 min	Start do		
		Homewo	Homowork	



- A) Perimeter of rectangle II is 20 cm.
- B) Perimeter of rectangle III is 26 cm.
- C) Sum of perimeters of rectangles II and III is 56 cm.
- D) Difference between perimeters of rectangles I and III is 6 cm.



- 21) The flight from Chennai to Dubai took off at 4:45 hours. It landed at Dubai at 9:15 hours. How long was the flight?
  - A) 4 hr 50mins
- B) 3 hr 55 mins
- C) 4 hr 30 min
- D) 4 hr 10 min
- 22) What is the sum of the first and second common multiple of 4 and 6?
  - A) 72
- B) 144

- C) 36
- D) 288
- 23) If 5 boxes contain 60 apples, then how many apples can be stored in 11 boxes?
  - A) 132
- B) 12

- C) 121
- D) 144
- 24) The contents in Anaya's school bag are given below.

Text books -675 g, Notebooks -415 g, Pencil box -175 g. If the empty bag weighs 205 g, calculate how much does the school bag weigh with its contents?

- A) 1 kg 520 kg
- B) 1 kg 470 kg
- C) 1 kg 220 kg
- D) 2 kg
- 25) A family having 4 adults, 3 children and one senior citizen went to a talent show. How much did they pay for tickets in all? (Refer to the ticket rate chart)
  - A) 950
  - B) 3600
  - C) 6650
  - D) 3620

Ticket Rate

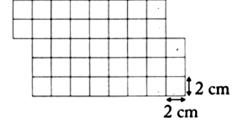
Adult- ₹ 750 each

Children- ₹ 200 each

Senior Citizen- Free

#### SECTION - II

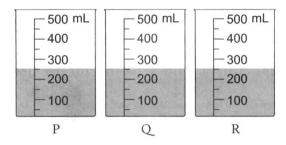
- 26) The given figure is obtained by removing some small squares from a big rectangle. The length of one side of a small square is 2 cm. Find the perimeter of the figure.
  - A) 87
  - B) 56
  - C) 90
  - D) 60



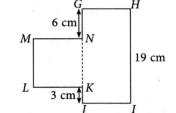
- 27) The number 52876 when rounded off to the nearest thousands gives \_\_\_\_\_.
  - A) 52000
- B) 53000

- C) 60000
- D) 52900
- 28) The figure shows the amount of water in 3beakers at first. Karan poured 150 mL of water from beaker P to beaker Q. He then poured 200 mL of water from beaker Q to beaker R.

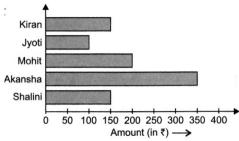
Finally, he poured 100 mL of water from beaker R to beaker P. Which one of the following statements is true?



- A) Beaker P contained more water than the other beakers at the end.
- B) Beaker Q contained more water than the other beakers at the end.
- C) Beaker R contained more water than the other beakers at the end.
- D) The three beakers contained the same amount of water at the end.
- 29) Given figure is made up of a square and a rectangle. Find the length of LK.
  - A) 8 cm
  - B) 9 cm
  - C) 7 cm
  - D) 10 cm



- 30) The bar graph shows the savings of five children. Akansha needs to save another \_\_\_\_\_ so that she has twice as much money as Mohit.
  - A) Rs. 50
  - B) Rs.150
  - C) Rs. 100
  - D) Rs. 200



- 31) Bhavya earns Rs.2550 in a month. Every month, she spends Rs. 1875 and saves the rest. How much will she save in 3 years?
  - A) Rs. 24300
- B) Rs. 16200
- C) Rs. 32400
- D) Rs. 25600

- 32) Preteek walked around a triangular park whose sides are 50m, 68m and 70m. Find the total distance covered by him.
  - A) 180 cm

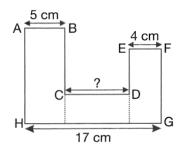
B) 188 cm

C) 168 cm

- D) 175 cm
- 70 m 50 m
- 33) The given figure is made up of three rectangles.

Find the length of CD.

- A) 10cm
- B) 7cm
- C) 8cm
- D) 13 cm



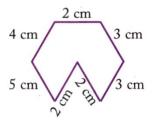
34) The total number of children in a class is 40. 7 children were absent on Monday.

What fraction of the class was present on Monday?

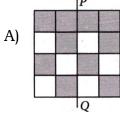
- A)  $\frac{7}{40}$

- C)  $\frac{40}{7}$  D)  $\frac{40}{33}$
- The difference between (eighty six thousand and forty) and (seven thousand nine hundred and sixty four) is \_
  - A) 80686
- B) 78076

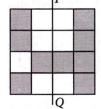
- C) 67607
- D) 70976
- 36) Find the perimeter of the given figures (not drawn to scale).
  - A) 21
  - B) 22
  - C) 31
  - D) 32



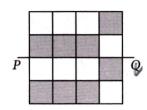
37) Which of the following figures is symmetric along the given line PQ?



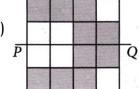
B)



C)



D)



- 38) Varun bought the given items at a sale. He went to the sale with a Rs.2000 note. How much money is left with him now?
  - A) Rs. 1200
  - B) Rs. 1500
  - C) Rs. 1070
  - D) Rs. 950





₹ 525

₹ 405

- 39) A music store sold 192 CDs every week. Find the number of CDs sold in 38 weeks.
  - A) 5376
- B) 6144

- C) 8064
- D) 7296

40) Fill in the blanks.

A multiple of a number is P smaller than the number. A multiple of an even number is Q odd. 1 is the R of every number.

P

Q

R

- A) Sometimes Never
  - r Factor

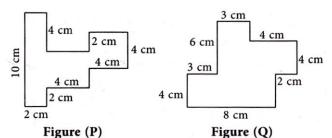
- B) Never
- Never
- Factor

- C) Always
- Always
- Multiple

- D) Never
- Always
- Multiple

#### SECTION - III (ACHIEVERS)

41) Find the difference between the perimeters of figure (P) and figure (Q) (not drawn to scale).



- A) 4 cm
- B) 6 cm
- C) 8 cm
- D) None of these
- 42) Charu had 36 cookies. She gave  $\frac{1}{9}$  of the cookies to her brother. How many
  - cookies had she left with her?
  - A) 28
- B) 32
- C) 30
- D) 16

- 43) If  $\frac{*}{5} 1\frac{3}{10} = \frac{1}{10}$ , then find the value of \*.
  - A) 7

- B) 6
- C) 2
- D) 3

- 44) What fraction of the flowers are red?
  - A)  $\frac{9}{20}$
  - B)  $\frac{1}{2}$
  - C)  $\frac{1}{4}$
  - D)  $\frac{19}{40}$
- \*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\* \*\*\*\*\*\*\*

45) Find P, Q R and S respectively.

- A) 1,6,1,4
- B) 1,4,6,1

- C) 1,4,1,6
- D) 4,1,1,6
- 46) Krishna wants to buy a car. He has a budget of rupees thirty nine lakhs. There are two options as shown below. Which option is within his budget?

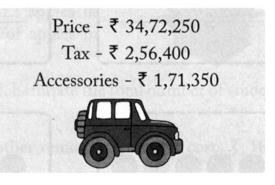
Car A

Price - ₹ 35,00,000

Tax - ₹ 2,38,672

Accessories - ₹ 1,73,500

Car B



- A) Car A
- C) Car B

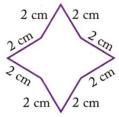
- B) Both Car
- D) neither Car A nor Car B
- 47) The product of two numbers is 3584. If one of the numbers is 14, find the other number.
  - A) 252
- B) 0

- C) 16
- D)  $(16)^2$
- 48) Aditya paid Rs. 68488 for 14 tickets of a concert. What is the cost of one ticket?
  - A) Rs. 4892
- B) Rs. 5124
- C) Rs. 4684
- D) Rs. 4294
- 49) Match the following and select the correct option.

	Column A		Column B
p)	$\frac{4}{3} + \frac{3}{9}$	i)	$1\frac{2}{5}$
q)	$\frac{8}{5} - \frac{3}{15}$	ii)	$1\frac{7}{13}$
r)	$\frac{7}{9} - \frac{1}{5}$	iii)	$1\frac{2}{3}$
s)	$\frac{12}{13} + \frac{8}{13}$	iv)	$\frac{26}{45}$

p	a	r	s
P	4	-	-

- A) ii i iv iii
- B) iii i iv ii
- C) iv i ii iii
- D) iii ii i iv
- 50) Find the perimeter of the given figures (not drawn to scale).
  - A) 21
  - B) 2
  - C) 16
  - D) 12







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Total Questions : 50 ■ Time : 1 hr.

Name :	
SOQ Roll No. :	Contact No.:

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- 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

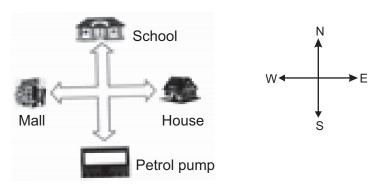
as shown in the figure 16. • • • •

- $7. \ \, \text{Rough work should be done in the blank space provided in the booklet}$
- 8. Return the OMR sheet to the invigilator at the end of the exam.

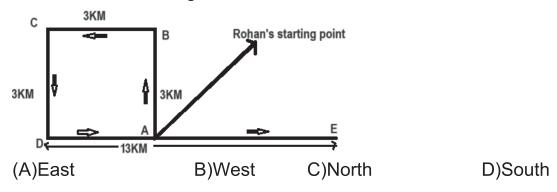




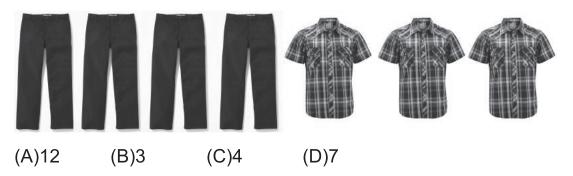
1). Anil wants to go to school. He starts from his house which is in the East and comes to crossing. In which direction is the school?



- A)East
- B)North C) South
- D)West
- 2). Observe the diagram carefully and answer the question. Rohan walks a distance of 3 km towards North and he turns left. In which direction is he walking now?



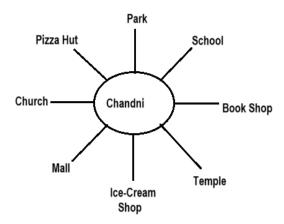
3) How many possible combinations of 1 pair of pants and 1 shirt can be formed from the given pants and shirts.



.\_\_\_\_\_



4) Chandni is facing the bookshop. If she turns to her right, she will face the church. She turns \_\_\_\_\_ to her right.



- **A)** 3/4 turn
- **B)**1/3 turn
- **C)**1/2 turn
- **D)**1/4 turn
- 5). Consider the following information and answer the following questions. Tom, Jim, John and Anne are playing a game of Carrom. Tom, Jim and John, Anne are partners. If Tom exchanges his position with John then who will be the partner of Jim?
- A) John
- B) Tom
- C) Anne
- D) None
- 6). Which of the following options will complete the given series 17, 34, 51, 18, 36, 54, 19, 38,?
- (A)57
- (B)56
- (C)55
- (D)20
- 7). Select the combination of numbers so that the letters arranged will form a meaningful word.

HNRCAB

123456

- **A)** 2,5,3,4,1,6 **B)** 3,5,6,4,1,2 **C)** 4,1,5,6,2,3 **D)** 6,3,5,2,4,1



**ESHRO** 

8). Arrange the alphabets given below to form a meaningful English w	vord
and identify the category of that word.	

A) Flower B) Animal C) Fruit D) Name of a month

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

0. 00.0		-
3	6	9
12	18	?-
4	3	7

(A)65 (B)56 (C)55 (D)63

10). If all the vowels are removed from the given Series then the letter that is present at 15th place from the left side in the new series is -----

#### **ABCDEFGHIJKLMNOPQRSTUVWXYZ**

(A)U (B)R (C)T (D)S

11). From the given alternatives select the word which cannot be formed using the letters of the given word.

REMEBRANCE.

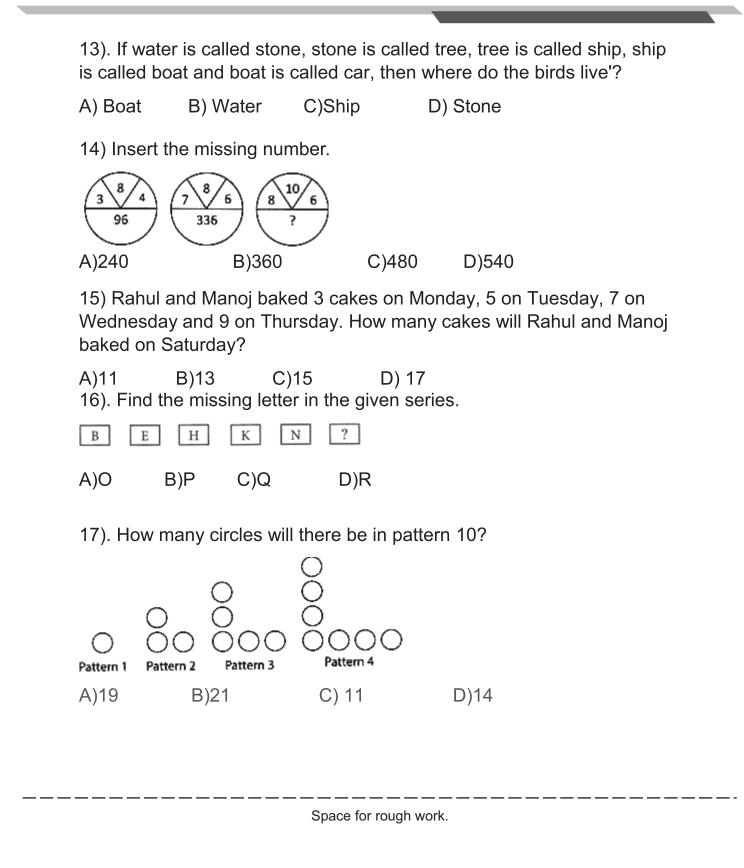
A) NUMBER B) EMBRACE C) REMEMBER D) MEMBRANE

12). In a row of persons, the position of Saket from the left side of the row is 17th and position of Saket from the right side of the row is 14th. Find the total number of students in the row?

A)30 (B)31 (C)32 (D)29

-----







- 18). Choose one word which can be formed from the letters of the word given. **MEASUREMENT**
- A) MASTER
- **B)** MANTLE
- C) SUMMIT
- D) ASSURE
- 19). If RISHIKA is coded as 2345367, how will SHIKHA coded'?

A)473762

B)466374

C)477363

D)453657

20). How many meaningful words can be formed from the third, seventh, twelfth and sixteenth letters of the given alphabet series?

#### RPSQUVEWXYBTDFGACILNH

A) None

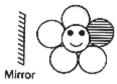
B) One

C) Two

- D) More than two
- 21). Find the mirror image of the given figure.



- SHTAM (A
- B)ZHTAM
- C)SHTWW
- WALHS(D
- 22). Find the mirror image of the given figure.





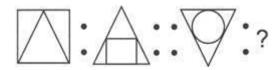








#### 23). Find the matching pair.











24). Which figure comes next in the given series?











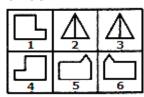








# 25). Group the given figures into three classes using each figure only once.



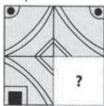
(A)1,4;2,3;5,6

(B)1,5; 2,6; 4,3

(C)1,6; 2,3; 4,5

(D)1,2;3,6;4,5

### 26). Which of the following options will complete the figure (X)?













27). Answer the question based on given figure. How many total circles and squares are there in the figure?



28). Garima folds a price of paper along dotted line. If dotted line is the line of Symmetry then which is correct complete image?



29). Which of the following is not a net of a cube?



30). How many lines of symmetry are there in the figure?

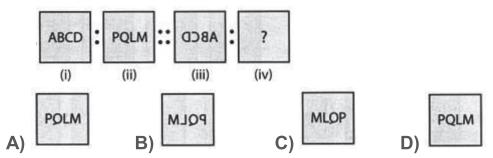


A)1 B)2 C) 3 D) 0

-----



31). There is a definite relationship between figures (i) and (iii). Establish a similar relationship between figures (ii) and (iv) by selecting a suitable figure from the options that would replace (?) in figure (iv).



32). Find the odd one out.



33). Find the odd one out.



34). Which of the following figures is same as the Problem Figure (X)?





\_\_\_\_\_\_



35). Identify the relation between figures of the first pair and complete the second pair.





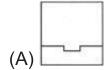




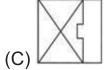


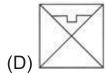
36). In which one of the following figures, the figure given below is exactly embedded as one of its part?



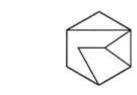






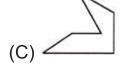


37). Which of the following part is exactly embedded in given figure?









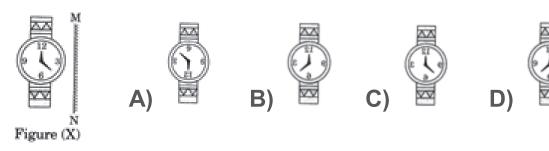


38). Select the incorrect match.

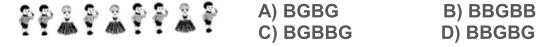
- 94 49 (A
- B) FISH H217
- C) 581 189
- D) \$TL JT\$



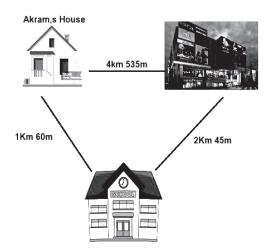
39). Which of the following is the correct mirror image of Figure (X), if a mirror is placed along MN?



40). Write the rule followed by the pattern? (B= boy, G=girl)



41). Given map is showing the distances between Akram's house, his school and shopping mall. Which of the following statements is correct?



- A) The distance between the shopping mall and Akram's house is shorter than the distance between his school and the shopping mall.
- B) The distance between Akram's house and his school is greater than the distance between his school and the shopping mall.
- C) The distance between Akram's house and his school is 1600 m.
- D)The distance between the shopping mall and Akram's house is 4535m.

#### 42). A cat is chasing a rat as shown



6m 7m 8m 9m 10m 11m 12m 13m 14m The rat starts from 8 m and jumps 3 m every time. The cat starts from 5 m and jumps 5 m every time. If they both start at the same time, in which jump will the cat overtake the rat?

A)1

- B)2
- C)3

D)4

43). How many meaningful words could be formed with the third, fifth, fifteen and seventeenth letters of alphabets given below. If more than two words are formed give M as the answer, if no such word is formed give X as the answer.

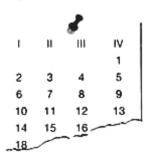
#### ABCDEFGHIJKLMNOPQRSTUVWXYZ

A) 2

- B) 1
- C) M
- D) X

44). If VI means XI, XI means C, C means XII, then which comes immediately after X in counting?

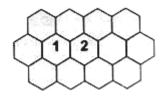
- A) VI
- B) C
- C) XI
- D) XII
- 45). A piece of paper is torn. In which column did the number 99 appear?



- A) I
- B) II C) III
- D) IV

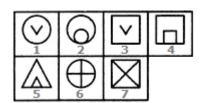


46). If there are 6 cells around one cell, 8 cells around two cells in a row, then number of cells around a row of three cells is \_\_\_\_\_\_.



- A) 12
- B)10
- C) 11
- D) 9

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

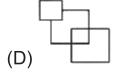


- (A)1,2,6; 3,4,7; 5 (B)1,3; 2,6; 4,5,7
- (C)1,2,6,7;3;4,5 (D)1,3;2,4,5;6,7

48). Which figure is the odd one?







49). What comes next?







50). Given below are some combination of images, numbers symbols and their associated water images in two columns. Match the column A with column B on the basis of appropriate water reflection.

	Group		Group
A.	<b>(10)</b>	1	*
B.		2	(RD)
C.	5	3	<b>P</b>
D.	$\Rightarrow$	4	\$

CODES:

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

\_\_\_\_\_\_\_

 Space for rough work.

Space for rough work.















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### 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
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### **SECTION - I - GRAMMAR AND VOCABULARY**

[Directions (For Q.1 to Q.02): Read the questions carefully and choose the suitable antonym for the underlined word to fill in the blanks.]

1. 'I was very <u>rude</u> with my neighbor b with our juniors.'	ut my friend was very in speaking
(A) reluctant	(B) polite
(C) brilliant	(D) eloquent
2. I have two pets; a <b>domestic</b> cat and a	nndog.
(A) imported (B) no	rmal
(C) urban (D) rus	ral
[Directions (For Q.3 to Q.04): Choose rearranging the jumbled words corre	·
3. give / a / glass / me / of / water / pleas	se
(A) The glass of water please give me a	(B) Glass of water a give me please.
(C) Please give me a glass of water.	(D) Water give me a glass please.
4. 'the / the / more / more / you / you / h	nave / desire
	esire. (B) The more you have the more you desire have. (D) The more you the desire more you have
[Directions (For Q.5 to Q.06): Choo following for the words given.]	se the most suitable synonym from the
5. 'Success'	
(A) Victory	(B) Profit
(C) Happy	(D) None of these
6. 'Pain'	
(A) Heavy	(B) Silly
(C) Creepy	(D) Agony



# [Directions (For Q.7 to Q.12): Choose the most suitable option to answer the question in the following as directed.]

7. What could be the plural of the	e word 'storey'?				
(A) Storeyes	(B) Storey				
(C) Storeys	(D) None of these				
8. Which word can be both singular and plural?					
(A) Thief	(B) Kite				
(C) Deer	(D) Fox				
9. What do we call a 'female horse'?					
(A) Mare	(B) Maire				
(C) Foal	(D) Stag				
10. We saw the white <b>duck</b> swir underlined word.	mming in the pool. – Name the gender of the				
(A) Neutral	(B) Masculine				
(C) Feminine	(D) None of these				
11. Name of a figure, especially straight, sides.	a closed plane figure, having three or more, usually				
(A) Hexon	(B) Polygon				
(C) Nexon	(D) None of these				
12. Find the word that means – '	to declare or tell in advance'				
(A) Announce	(B) Declare				
(C) Compare	(D) Predict				



# [Directions (For Q.13 to Q.15): Choose the most suitable part of speech to answer the question in the following as directed.]

13. 'He <u>never</u> does his home wo underlined word.	ork on time.' – Choose the part of speech of the		
(A) Noun	(B) Pronoun		
(C) Adjective	(D) Adverb		
14. Add appropriate preposition the tunnel.'	in the blanks: 'The train is passing		
(A) along	(B) aside		
(C) through	(D) All of these		
15. Add the suitable interjection	: '! Your new car looks amazing.		
(A) Wow	(B) Phew		
(C) Ouch	(D) Alas		
[Directions (For Q.16 to Q.17 answer the question in the following the control of	(): Choose the most suitable the options given to llowing as directed.]		
16. Fill in the blanks with the pr well for his upcoming entrance (A) studies	esent perfect form of the verb - 'Rohan examination.'  (B) have studied		
(C) have been studying	(D) studies		
17. Find out the tense form of th	e given sentence 'I ate an apple for my breakfast.'		
(A) Simple Future	(B) Simple Present		
(C) Simple Past	(D) None of these		



## [Directions (For Q.18 to Q.20): Choose the most appropriate the proverb / idiom / phrase to answer the question in the following as directed.]

- 18. Choose the correctly written proverb from the following:
- (A) Practice makes man perfect.
- (B) Practicing make man perfection.
- (C) Man becomes perfect when practice.
- (D) Perfection makes man practice.
- 19. We use this idiom or phrase to tell someone 'Good Luck!'
- (A) Break the ice
- (B) Rocket science

- (C) Break the leg
- (D) None of these
- 20. This idiom is used to describe someone calm and relaxed.
- (A) Cool as an ice
- (B) Cool as a cucumber

(C) Hit the hay

(D) To go down in the flames

#### **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.]

France is a country that beckons with its rich history, vibrant culture, and picturesque landscapes. Let's embark on a journey to uncover the wonders of this enchanting nation. At the heart of France lies its capital city, Paris, a bustling metropolis known for its iconic landmarks. The Eiffel Tower, standing tall on the Champ de Mars, symbolizes the country's elegance and innovation. In Paris, you'll also find the Louvre Museum, home to the enigmatic Mona Lisa, a masterpiece that captivates visitors from around the globe.

- 21. Which country is described in the paragraph?
- (A) Paris

(B) Germany

(C) France

(D) USA



2	22.	'Fran	ice is	a cour	ntry <u>t</u>	hat bed	ckons w	ith its	rich	history,	vibrant	culture,	and
p	oict	uresc	que la	ndsca	pes.'	(What 1	oart of s	peech i	is the	e underli	ned wor	d?)	

(A) Conjunction

(B) Preposition

(C) Noun

(D) Adjective

23. Choose the correct meaning of the word 'elegance' from the following:

(A) Enormous and huge

(B) a pleasant smell

(C) Ugly and disgraceful

(D) graceful and stylish

24. What is the capital city of France?

(A) New York

(B) Paris

(C) Louvre

(D) Champ de Mars

25. Which are the iconic landmarks found in Paris?

(A) Louvre Museum

(B) both (A) and (D)

(C) The Statue of liberty

(D The Eiffel Tower

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

Drooly Mooly was the dirtiest dog on the street. He had a chubby body, a short tail and grubby little paws. All of the other animals on the street laughed at him because of the mess he made. Everywhere he walked, he left a path of drool. It hung from his mouth and went all the way to the ground. People would slip and slide on his drool and shout out, "Drooly Mooly!" He would laugh at them, and run off to play in the dirt. He was a mess!

26. What does the sentence: 'He was a mess!' mean?

(A) He was a clean dog.

(B) He was having bad behavior.

(C) He was a dirty dog.

(D) Both B and C not A



- 27. What did Drooly Mooly look like?
- (A) Short body, long tail and grubby large paws
- (B) Chubby body, short tail and grubby little paws
- (C) Chubby body, long tail and fat little paws
- (D) Chubby body, short tail, and fat paws
- 28. 'Everywhere he walked, he left a path of drool.' How many verbs are there in the sentence given?

(A) one (B) No Verbs

(C) three (D) two

29. 'He would laugh at them.' - Name the tense of the given sentence.

(A) Present Tense (B) Past Tense

(C) Future Tense (D) Simple Tense

30. Who is Drooly Mooly?

(A) A Cat (B) A Rabbit (C) A Dog (D) A Parrot

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

Once, a cunning jackal jumped into a big tub of blue dye. "I am your king," he said. All the animals, big and small, believed him and bowed before him. The clever jackal smiled. Now he was the most powerful animal in the forest. He was proud to be a king.

Once, the jackal woke up in the middle of the night. The jackals in the forest were howling at the full moon in the sky. The blue jackal forgot he was a king. He, too, began to howl. "Hu...aah! Hu...aah!" he cried. The animals ran out to see. "He is not a king. He is just a jackal!" they shouted. They rushed to attack him. "Stop, stop! I am sorry I tricked you. Please do not kill me!" said the blue jackal. The animals forgave him, but only after giving the jackal a good beating.

31. Who is the cunning animal in the story?

(A) Fox (B) Jackal

(C) Tiger (D) Lion



32.	Which	adjective	do not te	ll about .	Jackal?
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(A) Clever

(B) Cunning

(C) Loyal

(D) All of these

33. I am sorry I tricked you. – How many pronouns are there in the given sentence?

(A) Two

(B) Three

(C) Four

(D) None

34. When did Jackal decide to tell himself as the king of the Forest?

- (A) All of these
- (B) After he realized his power
- (C) After he killed the lion.
- (D) After he jumped into the tub of the blue dye.
- 35. Why did the Jackal ask sorry to all the animals?
- (A) Because he ricked everyone.
- (B) Because he was cunning and cruel.
- (C) Because he was a blue Jackal
- (D) All of these

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

Bears are found in Europe, Asia, Africa, and America. They are massively built, with short tails and thick legs. Bears are not really carnivores. They eat almost anything, the chief exception in the polar bear, which in its natural state lives on fish and seals. However, in captivity, they seem to enjoy meat, vegetables, fruits, milk, rice, and porridge. Bears are not quite as dangerous as people imagine them it is like most animals; they will do their best to avoid human beings. They have a special sense that is eyesight to see things.

- 36. What is the special sense of bears?
- (A) Hearing capacity
- (B) Smelling sensation

(C) Eyesight

(D) All of these



- 37. On which continents bears are found?
- (A) Europe, Asia, India, and America
- (B) Antarctica, Asia, Africa, and Europe
- (C) Europe, Asia, Africa, and Australia
- (D) Europe, Asia, Africa, and America
- 38. What do bears eat?
- (A) Seals

(B) Milk

(C) Porridge

- (D) All of these
- 39. What is meant by the word 'captivity'?
- (A) Keep somewhere or not allowed to leave
- (B) Kept in a happy situation.
- (C) Stay healthy and fresh.
- (D) None of these
- 40. 'They are massively built, <u>with</u> short tails and thick legs.' Which part of speech is the underlined word?
- (A) Preposition

(B) Adverb

(C) Adjective

(D) Conjunction

#### 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. We need to buy apples flour sugar and butter to make our apple pie How many commas and periods (full stops) are needed in the given sentence?
- (A) three commas and one period
- (B) two commas and two periods
- (C) two commas and one period
- (D) No commas and one period



(D) All of these

42. "Yes yes yes" I screan missing in the given senten		nany punctuation marks are		
(A) Three	(B) four			
(C) Five	(D) Six			
[Directions (For Q.43 to the correct spelled name to	- /	questions carefully and choose om the following options.]		
43. Name the animal.				
	(A) Pangolin	(B) Pangoline		
	(C) Pangollin	(D) Paangolin		
44. Name the flower.				
	(A) Magnolea	(B) Magnolya		
	(C) Maagnolia	(D) Magnolia		
[Directions (For Q.45 to the most appropriate dia	= '	rsations carefully and choose options.]		
45. Sayyam: "Rakshak is so	o boring, I don't want to i	invite him."		
Rushi: "		22		
(A) I must invite him.	(B) I understand your	problem, but you will have to.		
(C) You will invite him.	(D) Both B and C.			
46. Stranger: "		,, 		
You: "Yes, of course. The the Bus depot."	train station is at the righ	t side of the road after you pass		
(A) By any chance, do you	know where the train sta	ation is?		
(B) Do you, by any chance	, know where the train st	ation is?		
(C) Do you know where the	e train station is by any c	hance?		



### [Directions (For Q.47 to Q.48): Choose the most appropriate option from the following]

- 47. This is an old saying that tells us to make the most of a good situation or an opportunity that is not likely to last long:-
- (A) Rome Wasn't Built In A Day.
- (B) Make Hay While The Sun Shines.
- (C) Every Dog Has Its Day.
- (D) Two Wrongs Don't Make A Right.
- 48. 'I am part of speech,

I am connecting words, phrases, clauses, or sentences,

I can be one or stand as a group of words,

Who am I?

- (A) Pronoun (B) Interjection
- (C) Noun (D) Conjunction

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

- 49. 'Never <u>Give Up!</u> Which phrase or idiom can replace the underlined Words?
- (A) Down for the count

(B) Chip of the old block

(C) Give it a whirl

- (D) Fish out of water.
- 50. If you want to answer your friend 'I don't know', which phrase from the following will be the most suitable to replace your answer.
- (A) Best around the bush
- (B) Give it a shot
- (C) Your glass is as good as mine.
- (D) Spin a yarn

Space for rough work.









