



National Level Science Talent Search Examination

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CLASS 2

Please fill the following details immediately

Name _____

Hall Ticket No. _____

Questions : 50

Time : 60 minutes

INSTRUCTIONS

Read all instructions carefully before attempting any question.

- Ensure that the 'Class' printed here and inside, is the same as the test you are appearing for.
- You must complete the paper within the time allotted.
- Do not open this question paper until you are permitted to.
- You are not allowed to use a calculator.
- Figures herein are not to scale. Hence, you cannot depend on the estimate of size or measurement. Use your knowledge of the subject.
- Rough work shall be carried out only in the space provided for the same throughout this booklet. No separate sheets are allowed for the same.
- Return your answer sheet to the invigilator soon after completion and before leaving the examination hall. Take the question paper with you.
- There is no negative marking.
- Results would be made available on www.unifiedcouncil.com

PAPER CODE 1P104



UCN/QP-2/00



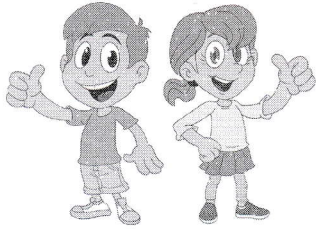
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Dear student,

Ready for the test? Take a deep breath and relax. Don't forget to read the questions very carefully. Some questions that look tough, will be quite easy after you have read them properly. Do not spend too much time on any question. Go to the next question and later come back to the ones you felt were tough. Be cool, give your best and have fun. Good luck!

(Space for Rough Work)

Check out the key for this question paper at
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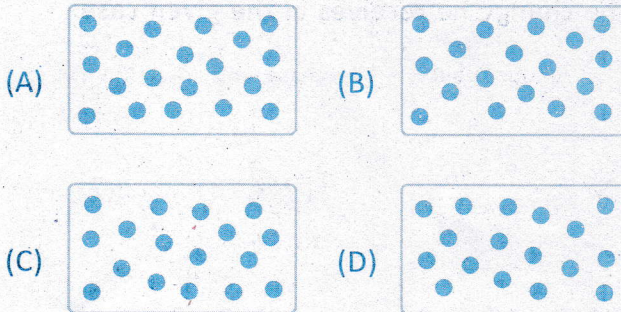
Select the correct option to answer every question given below.

Mathematics

01 Which option best describes a rectangle ?

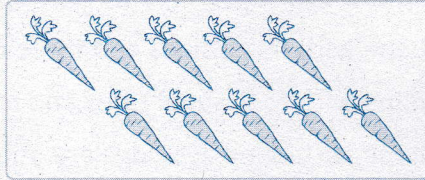
- (A) A shape with three sides and three corners.
- (B) A shape with four equal sides and four corners.
- (C) A shape with opposite sides are equal
- (D) A shape with six sides and six corners.

02 Which option shows the representation of even number ?





Space for rough work

- 03** ▶ How many groups can be made if each group contains 5 carrots ?



- (A) 4 (B) 5
(C) 2 (D) 1

- 04** ▶ A person pays certain amount for a given article. Find the change he receives in the given case.

Amount paid	–	Purchase amt.	=	Change
		 Rs. 62		<p style="font-size: 2em;">?</p>

- (A) Rs. 10 (B) Rs. 8
(C) Rs. 5 (D) Rs. 7

Space for rough work

05 Which shape has the most sides ?



06 Choose the option that is an odd number.

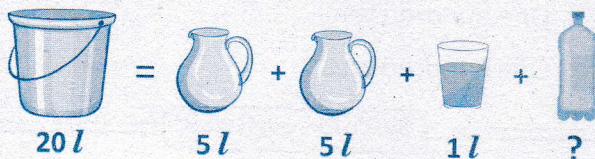
(A) $2023 + 2024$

(B) 2023×2024

(C) 2024×2025

(D) $2025 - 2023$

07 If 2 jugs, 1 glass and 1 bottle of water fill the given bucket completely, then find the amount of water in the bottle.



(A) 7 l

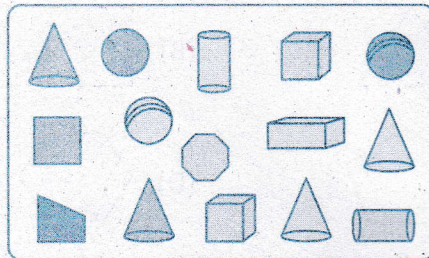
(B) 6 l

(C) 5 l

(D) 9 l

Space for rough work

08 ► How many plane shapes are there in the given box ?



(A) 10

(B) 11

(C) 4

(D) 8

09 ► Which of these number names represents 101 ?

(A) One hundred

(B) One hundred eighteen

(C) One hundred ten

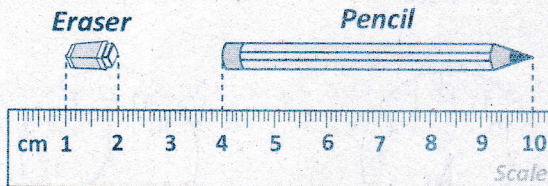
(D) One hundred one

Space for rough work

10 ▶ A number has nine ones, six tens and eight hundreds. What is the number ?

- (A) 869 (B) 698
(C) 968 (D) 986

11 ▶ How many erasers will add up to the length of 1 long pencil ?



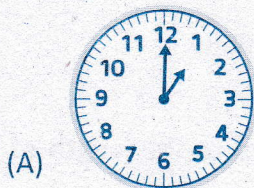
- (A) 6 (B) 7 (C) 8 (D) 9

12 ▶ Which option has the greatest value ?

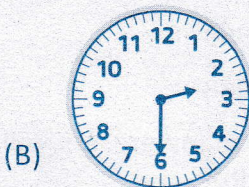
- (A) 2×10
(B) 5 nines
(C) 3 groups of 8
(D) $2 + 2 + 2 + 2 + 2 + 2$

Space for rough work

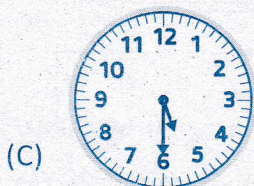
13 Which clock shows the correct time ?



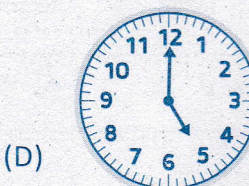
2 O'clock








Half past 3



Half past 5



4 O'clock

14 If  +  = 13 and  -  = 3, then what is the value of  ?

(A) 2

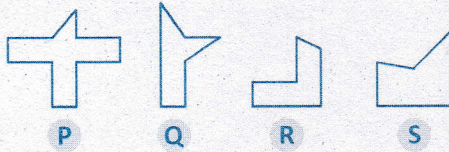
(B) 5

(C) 3

(D) 4

Space for rough work

- 15** Which option is made up of only 1 rectangle and 2 triangles ?



- (A) P, Q (B) R, S
(C) Q, R, S (D) P, Q, R and S
- 16** Ram, Sam, Ali and Singh are altogether 41 years old. How old will altogether be in 4 years ?

- (A) 45 years (B) 47 years
(C) 54 years (D) 57 years
- 17** Which option best replaces the blank ?

$$3 + 3 + 3 + 3 + 3 = \underline{\hspace{2cm}}$$

- (A) $5 + 3$ (B) $5 + 3 + 5 + 3$
(C) 5 groups of 3 (D) 3 groups of 5

Space for rough work

- 18 What could be the possible value of P to make the equation true ?

$$7 \boxed{p} + \boxed{q} = 78$$

- (A) 4 (B) 5
(C) 9 (D) None of these
- 19 Which symbol should be placed in the circle to make both sides of the number sentence true ?

$$5 \bigcirc 7 = 7 \bigcirc 5$$

- (A) + (B) -
(C) < (D) >
- 20 Choose the statement which doesnot match 3×8 .
- (A) 3 groups of 8 (B) 8 groups of 3
(C) $8 + 8 + 8$ (D) 3 eights

Space for rough work

Select the correct option to answer every question given below.

General Science

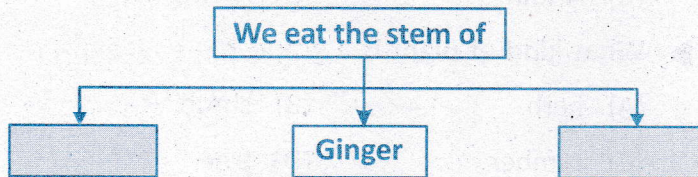
21 Which option is not a product derived from plants ?

- (A) Tea (B) Sugar
(C) Cheese (D) Bread

22 Which of the following is a flesh eating animal ?

- (A) Rabbit (B) Cow
(C) Camel (D) Dog

23 Select the correct option to fill the empty boxes of the given flowchart.



- (A) Turnip and Radish
(B) Sugarcane and Carrot
(C) Cabbage and Spinach
(D) Potato and Sugarcane

24 What kind of clothes keeps us warm during winter season ?

- (A) Cotton (B) Rain coat
(C) Woollen (D) All of these

Space for rough work

- 25** ▶ Read the information given below.

I am a stem.
I give sweet juice.
I belong to a grass family.

Who am I ?

- (A) Eucalyptus (B) Sunflower
(C) Sugarcane (D) Sundew

- 26** ▶ Which of these becomes an apple on an apple tree ?

- (A) A root (B) A flower
(C) A leaf (D) A twig

- 27** ▶ What kind of plant is a grape ?

- (A) herb. (B) shrub.
(C) climber. (D) tree.

- 28** ▶ Which sense helps a dog to identify hidden bombs, drugs and a thief in disguise ?

- (A) Smell (B) Taste
(C) Touch (D) Sight

Space for rough work

29 What are the basic needs of all living things ?

- | | |
|------------|--------------|
| (i) Air | (ii) Shelter |
| (iii) Food | (iv) Water |

- (A) Only (i) & (iv) (B) Only (i), (ii) & (iv)
(C) Only (i), (iii) & (iv) (D) All of these

30 Which animals gnaw their food ?

- (A) Lions, tigers and wolves
(B) Pythons and crocodiles
(C) Mosquitoes and frogs
(D) Squirrels, rats and rabbits

31 The leaves, flowers, fruits and seeds of a plant given below are used to make _____.



Neem tree

- (A) rubber. (B) paper.
(C) medicine. (D) spices.

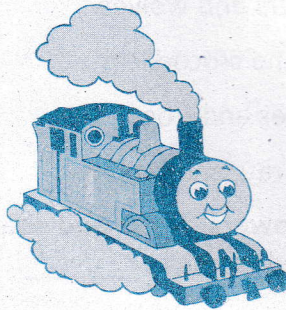
32 When it is noon, how does shadow look ?

- (A) Very long. (B) Long.
(C) Short. (D) Disappear.

33 Which option takes twenty four hours for one rotation ?

- (A) The sun on its own axis
- (B) The earth on its own axis
- (C) The moon on its own axis
- (D) None of these

34 Which of these is used in the steam engines as a fuel to produce energy ?



- (A) Granite
- (B) Coal
- (C) Graphite
- (D) Chalk

35 When does the shadow appear ?

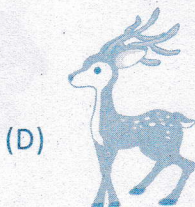
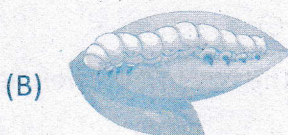


- (A) light being blocked by an object.
- (B) there is a lack of light in the room.
- (C) there is too much light in the room.
- (D) an object reflecting light.

36 Ruby collected pictures of living things. She has pictures of a dog, a snake, a fish and a bird. Ruby wants to add some more pictures to her collection. What could she add ?

- (A) A rabbit and a panda bear
- (B) A car and a computer
- (C) A cell phone and a radio
- (D) A rock and some soil

37 Which of these gives fibres used to make cotton clothes ?



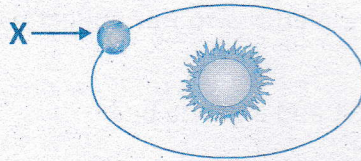
38 Which part of the plant takes in light from the Sun to make food for the plant ?

- (A) Flower
- (B) Leaves
- (C) Seed
- (D) Roots

39 How many sense organs do we have ?

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

40 Identify 'X' in the given figure.



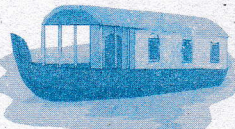
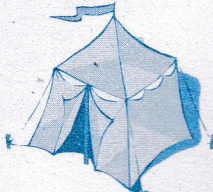
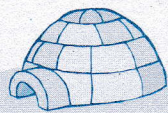

- (A) Star (B) Earth
(C) Moon (D) Both (A) and (C)

41 A soft rock the teacher used to write on the black board is

- (A) sandstone. (B) granite.
(C) graphite. (D) chalk.

42 The boy in the given figure lives in which type of house ?



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

- 43** ▶ A climber has a soft stem. It coils around the stems of other plants. Why does it do so ?

- I. To support itself
- II. To get food from that plant
- III. To get as much sunlight as possible

- (A) I and II only (B) I and III only
(C) II and III only (D) I, II and III

- 44** ▶ Which part of the sun flower plant will develop into a new plant ?

- (A) The stem (B) The root
(C) The seed (D) All of these

- 45** ▶ Which of these sucks nectar from flowers ?



- 46** ▶ Carrot, radish and beetroot have thick and swollen roots because

- (A) they are shoots.
(B) they make food for the plant.
(C) they have food stored in them.
(D) they are stems that store water.

47 ➤ What does a weather vane show ?

- (A) Wind direction
- (B) Air temperature
- (C) Cloud cover
- (D) Air pressure

48 ➤ Who am I ?

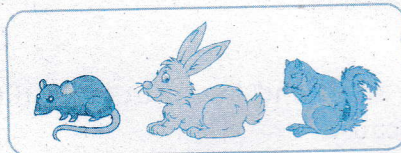
I have a crown, I am not a king.
I am covered with enamel,
I am not a jewel.
I have a root, I am not a plant.

- (A) Finger
- (B) Tooth
- (C) Nail
- (D) Screw

49 ➤ Tina added sugar to her black tea. What change did she observe about the tea ?

- (A) Its size
- (B) Its color
- (C) Its shape
- (D) Its taste

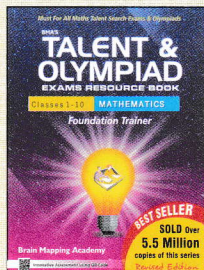
50 ➤ The animals given below are similar. As they all are



- (A) flesh eating animals.
- (B) both plant and flesh eating animals.
- (C) the animals that nibble their food.
- (D) all of the above.

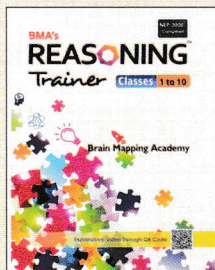
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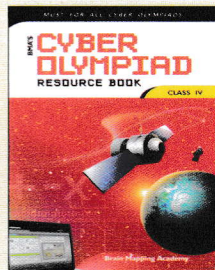
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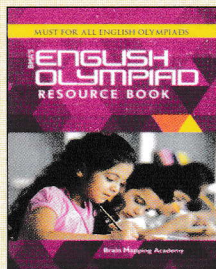
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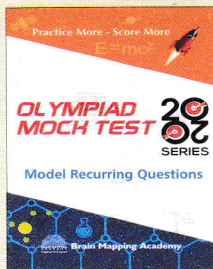
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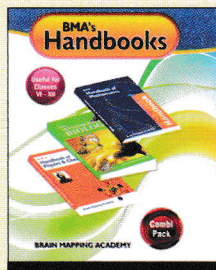
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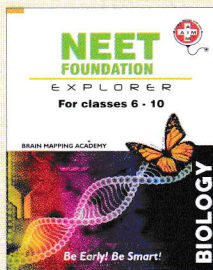
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