



National Level Science Talent Search Examination

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CLASS 3

Please fill the following details immediately

Name _____

Hall Ticket No. _____

Questions : 60

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

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PAPER CODE

1P104



UCN/QP-3/01

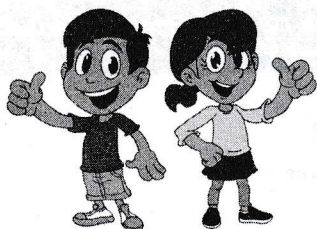


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Dear student,

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!

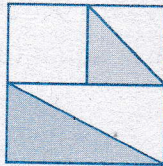
(Space for Rough Work)

*Check out the key for this question paper at
www.unifiedcouncil.com*

Select the correct option to answer every question given below.

Mathematics

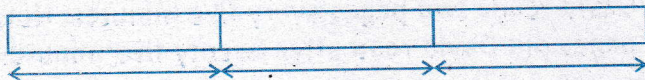
- 01** ▶ David reads two pages every five minutes. How many pages did David read after twenty-five minutes ?
- (A) 9 (B) 10
(C) 11 (D) 12
- 02** ▶ What is the value of $2017 + 2 + 0 + 1 + 7$?
- (A) 2017 (B) 2019
(C) 2024 (D) 2027
- 03** ▶ What fraction of the square is shaded ?



- (A) $\frac{1}{2}$ (B) $\frac{1}{3}$ (C) $\frac{3}{8}$ (D) $\frac{3}{5}$

Space for rough work

- 04 ► Ali has a ribbon shorter than 30 cm but longer than 24 cm. He can cut it into 3 equal pieces as shown below.



How long is Ali's ribbon when he cuts it 5 cm shorter ?

- (A) 22 cm (B) 25 cm
(C) 32 cm (D) 19 cm
- 05 ► How many even numbers are there between 3126 and 3134 ?

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

- 06 ► Which of these is not equal to 1 kg ?

- (A) 2×500 g (B) 10×100 g
(C) 3×300 g (D) 4×250 g

Space for rough work

- 07** All the different letters stands for different digits. Find the value of $A + B$.

$$\begin{array}{r} ABC \\ - BCA \\ \hline AB \\ \hline \end{array}$$

- (A) 6 (B) 7
(C) 8 (D) 9
- 08** How many tens are there in the quotient of $120 \div 2$?
- (A) 6 (B) 5
(C) 4 (D) 3
- 09** This shape, called a sphinx, is made of equilateral triangles, all the same size. How many of these triangles are needed to make this sphinx ?



- (A) 2 (B) 4
(C) 6 (D) 8

Space for rough work

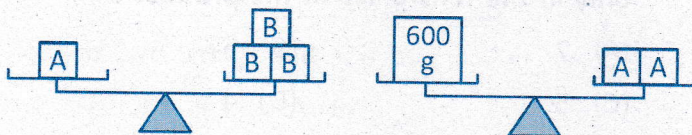
- 10** Which of the following is the same as 125 seconds ?
- (A) 2 minutes 5 seconds
(B) 1 minute 5 seconds
(C) 2 hours 5 minutes
(D) 12 minutes 5 seconds
- 11** Which option has same value as 6×8 ?
- (A) $(2 + 3) \times 8$ (B) $2 \times 8 + 3 \times 8$
(C) $8 + 8 + 8 + 8 + 8$ (D) $4 \times 3 + 4 \times 9$
- 12** If the number of months on a year is divided by the number of days in a week, what is the remainder ?
- (A) 0 (B) 2
(C) 5 (D) 7
- 13** Choose the digit that appears twice in the sum of $2178 + 1965$.
- (A) 4 (B) 1
(C) 3 (D) 2

Space for rough work

14 Which option is the cheapest by the end of 12 months ?

- (A) Rs. 50 for 5 months
- (B) Rs. 26 for 3 months
- (C) Rs. 18 for 2 months
- (D) An annual payment of Rs. 120

15 What is the mass of B ?



- (A) 300 g
- (B) 250 g
- (C) 100 g
- (D) 75 g

16 How many tens less than one thousand is one hundred ?

- (A) 80
- (B) 50
- (C) 90
- (D) 70

Space for rough work

17 ▶ Tina wishes to insert the digit 5 between the digits of the four-digit number 4637 to make it a five-digit number. Where should she insert the digit 5 if she wants the five-digit number to be as small as possible ?

- (A) Before the 4 (B) After the 4
(C) After the 6 (D) After the 3

18 ▶ Which number should multiply to 16 to get the digit 8 only in the tens place in the product ?

- (A) 7 (B) 6
(C) 5 (D) 4

19 ▶ Choose the correct option.

- (A) $\frac{3}{6} = \frac{5}{6}$ (B) $\frac{3}{6} > \frac{1}{6}$
(C) $\frac{3}{6} > \frac{5}{6}$ (D) $\frac{3}{6} < \frac{1}{6}$

Space for rough work

- 20** ▶ Sudha went shopping with Rs. 40 and returned with Rs. 13.

ITEM	COST
Sketch pens	Rs. 12
Hair clip	Rs. 6
Stickers	Rs. 8
Play dough	Rs. 15

Which two things did she buy ?

- (A) Sketch pens, Stickers
- (B) Sketch pens, Play dough
- (C) Play dough, Hair clip
- (D) Hair clip, Stickers

- 21** ▶ If a 1 litre bottle is filled with 1000 millilitres of water, what is the state of the bottle ?

- (A) Half full
- (B) Three-quarter full
- (C) Completely full
- (D) Overfilled

Space for rough work

22 What time is it 11 hours and 11 minutes after 11:11 pm ?

- (A) 10:22 a.m. (B) 12:00 p.m.
(C) 12:00 a.m. (D) 10:22 p.m.

23 Raju have 500 biscuits. If he eat 10 biscuits every day, then for how many days will the biscuits last ?

- (A) 100 (B) 50
(C) 500 (D) 5

24 What is the value of ☆ ?

$$\begin{array}{r} 4 \quad \star \quad \star \\ + 4 \quad 4 \quad 3 \\ \hline 9 \quad 2 \quad 0 \end{array}$$

- (A) 1 (B) 5
(C) 6 (D) 7

25 Which number will not be found in the times table of 13 ?

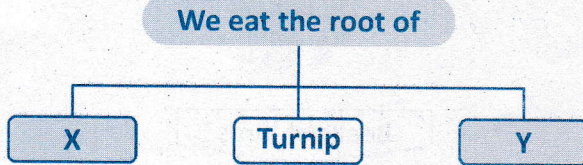
- (A) 36 (B) 52
(C) 78 (D) 65

Space for rough work

Select the correct option to answer every question given below.

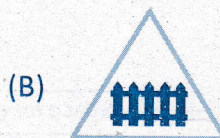
General Science

- 26** Select the option that correctly identifies X and Y in the given flow chart.



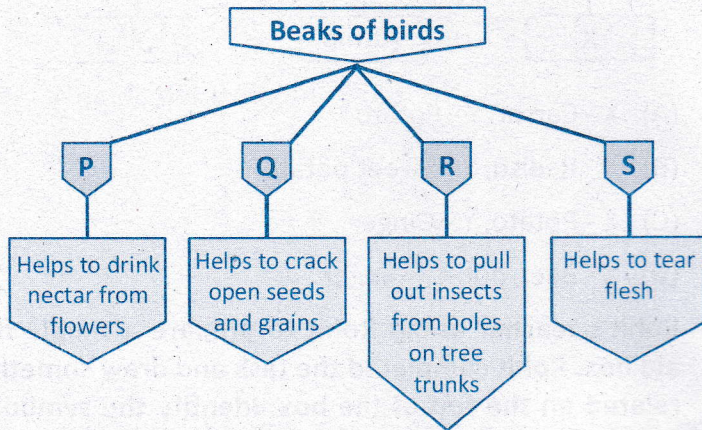
- (A) X - Carrot, Y - Potato
 (B) X - Radish, Y - Sweet potato
 (C) X - Potato, Y - Ginger
 (D) X - Beetroot, Y - Ginger

- 27** Rohit's teacher asked Rohit to prepare a simple first-aid box. Rohit completed the task and drew something related on the top of the box. Identify the symbol he drew ?



Space for rough work

28 ► To which group does the bird belongs to ?



(A) P

(B) Q

(C) R

(D) S

Space for rough work

29 Renu took some garden soil in a can covered with lid and heated it for few minutes. She noticed droplets of water on the inside of the lid. What was Renu trying to prove ?

- (A) Soil contains air
- (B) Soil contains water
- (C) Soil contains humus
- (D) Soil contains sand

30 Match the planet with its position from the Sun and choose the correct option.

Column 1	
P	Earth
Q	Saturn
R	Mercury
S	Mars

Column 2	
1	3rd
2	1st
3	4th
4	6th

- (A) P-1 , Q-2 , R-4 , S-3
- (B) P-2 , Q-4 , R-1 , S-3
- (C) P-2 , Q-1 , R-4 , S-3
- (D) P-2 , Q-1 , R-3 , S-4

31 Which life process is common to all living things ?

- (A) Reproduction
- (B) Germination
- (C) Photosynthesis
- (D) Pollination

Space for rough work

32 ► Why does ice feel cold to the touch ?

- (A) It gives off coldness.
- (B) It absorbs heat from your hand.
- (C) It moves quickly when touched.
- (D) It contains cold water inside.

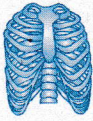
33 ► What will happen to the water in the pot if left over on the campfire for few hours ?



- (A) The water will freeze.
- (B) The water will evaporate.
- (C) The water will melts.
- (D) The water will turn into ashes.

Space for rough work

34 Study the given relationship and find the correct pair.



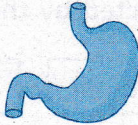
Skeletal
System

::

?

Circulatory
System

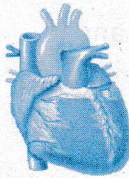
(A)



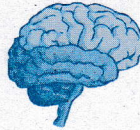
(B)



(C)



(D)



35 When an ice cube melts, its state of matter changes from a

(A) gas to a liquid

(B) solid to a liquid

(C) liquid to a solid

(D) solid to a gas

Space for rough work

36 ▶ Shreya has carrot, onion, ginger and potato plants in her garden. The roots of which of these plants do we eat ?

- (A) Carrot (B) Ginger
(C) Onion (D) Potato

37 ▶ Which of these organs are protected by the ribcage ?

P – Heart

Q – Liver

R – Brain

S – Lungs

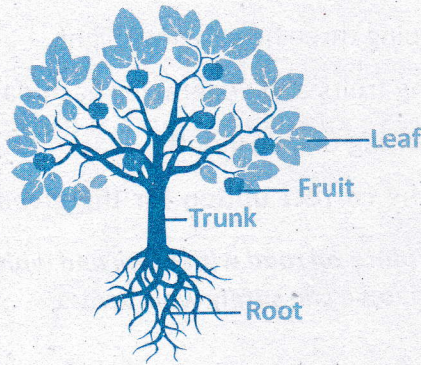
- (A) P and Q (B) Q and R
(C) P and S (D) P, Q and R

38 ▶ Which two life processes occur in both plants and animals ?

- (A) Growing and reproducing
(B) Germinating and making food
(C) Growing and making food
(D) Germinating and reproducing

Space for rough work

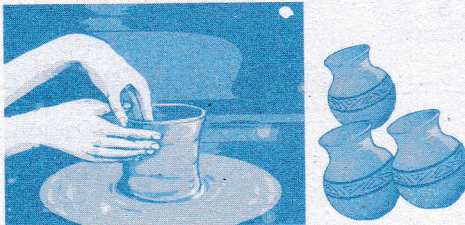
- 39** The diagram below shows three major structures of a tree.



Which structure is called kitchen of the plant ?

- (A) Root (B) Leaf
(C) Trunk (D) Fruit

- 40** What kind of soil does a potter use in making pots ?



- (A) Clay (B) Sand
(C) Loam (D) Sandy loam

Space for rough work

41 Which activity will best help a student to stay healthy ?

- (A) Watching television five hours a day
- (B) Sleeping three hours every night
- (C) Eating fruits and vegetables each day
- (D) Exercising once a month

42 Choose the correct option for the given statement.

Special place on road with black and white strips where people can safely walk across.

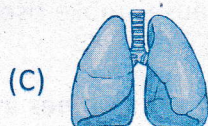
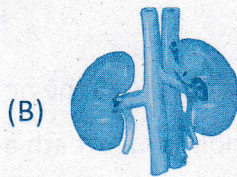
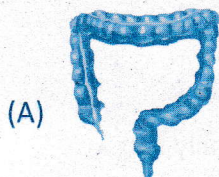


Space for rough work

43 Which tool is used to know the temperature of the body ?

- (A) Thermometer (B) Balance
(C) Hand lens (D) Graduated cylinder

44 Which organ is a part of excretory system ?



45 Digestion is the breaking down of food material by a living being into chemically simpler forms. In the human body where does digestion end ?

- (A) Food pipe (B) Stomach
(C) Small intestine (D) Large intestine

Space for rough work

- 46** ▶ What should you do if you are trapped in a room with smoke ?



- (A) jump out of the nearest window.
- (B) hold your breath and run really fast.
- (C) breath in and out, the smoke won't hurt you.
- (D) crawl low to the ground because smoke rises. Then choose the safest exit.

- 47** ▶ The Moon produces no light and yet it shines at night. Which of the following statements give the reason ?

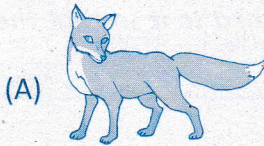
- (A) The Moon is covered with a thin layer of ice.
- (B) The Moon has many lamps.
- (C) The Moon revolves at a very high speed.
- (D) The Moon reflects the light from the sun.

Space for rough work

48 Which of the following fibres are used to weave clothes suitable to wear in month of May ?

- (A) Cotton (B) Jute
(C) Silk (D) Coconut

49 The body covering of which one of the following animals is used to make wool ?



50 When we boil water in a kettle, steam comes out of it. Steam is _____ form of water.

- (A) solid (B) gaseous
(C) liquid (D) none of these

Space for rough work

- 51 ► The following statements describe one of the systems found in the human body.

- (i) *It is a framework made of 206 bones of different shapes.*
- (ii) *It supports the body and gives it a shape.*
- (iii) *It protects the delicate organs in the body.*
- (iv) *Muscles can be attached to it so that the body can move.*

Identify the system.

- (A) Digestive system (B) Muscular system
- (C) Skeletal system (D) Respiratory system

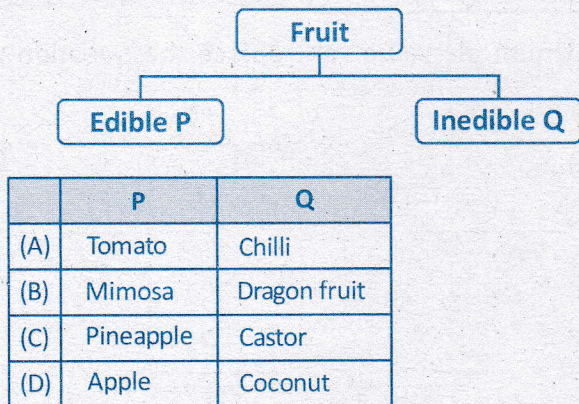
- 52 ► Which of the following statements is true for the given group of animals ?

Cow, Buffalo, Goat

- (A) They are domestic animals
- (B) They are called mammals
- (C) They provide us milk
- (D) All of these

Space for rough work

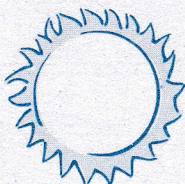
53 Identify P and Q.



54 Which of these clothes would you wear in summer ?

- (A) Light-coloured clothes
- (B) Cotton clothes
- (C) Linen clothes
- (D) All of these

55 Which of these objects can give out their own light ?



(i)



(ii)



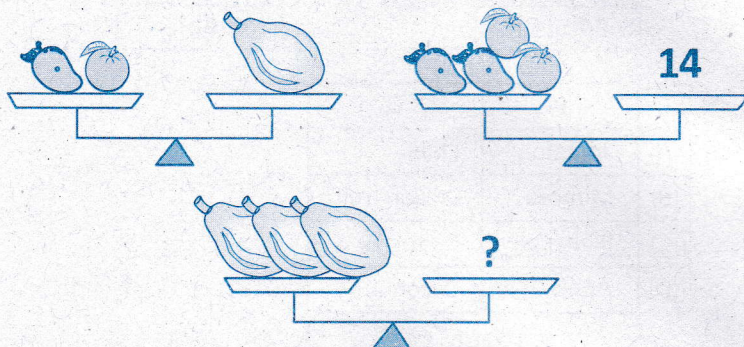
(iii)

- (A) (i) only
- (B) (ii) and (iii)
- (C) (i) and (ii)
- (D) (i), (ii) and (iii)

Select the correct option to answer every question given below.

Critical Thinking

56 ► What numeric value can replace the question mark ?



(A) 20

(B) 14

(C) 21

(D) 7

57 ► You find yourself stranded on a deserted island with a flashlight, a campfire, and a signal flare. You have only one match. What do you light first ?

(A) The candle

(B) The oil heater

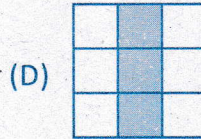
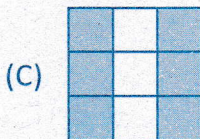
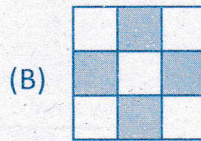
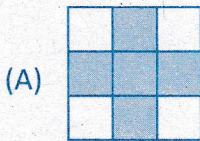
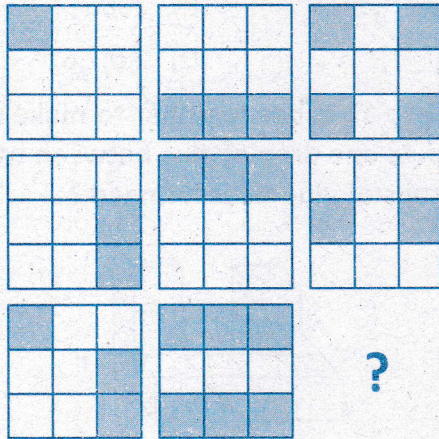
(C) The gas stove

(D) The match

Space for rough work

58

Which options replaces the question mark ?

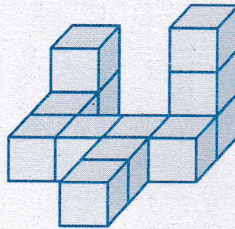


Space for rough work

59 Which of the following is "Two Zero Two Six" ?

- (A) 0066 (B) 2066
(C) 2026 (D) 2,0,2,6

60 Hansi sticks 12 cubes together to make this figure. He always puts one drop of glue between two cubes. How many drops of glue does he need ?

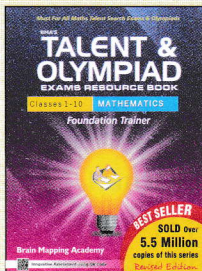


- (A) 12 (B) 9
(C) 10 (D) 11

Space for rough work

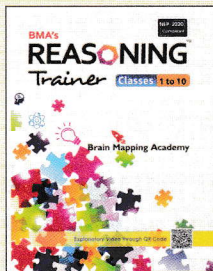
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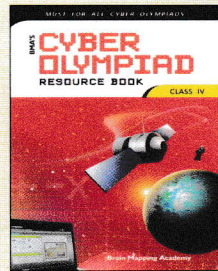
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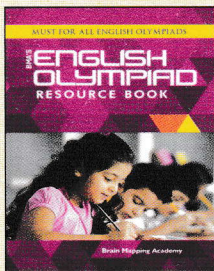
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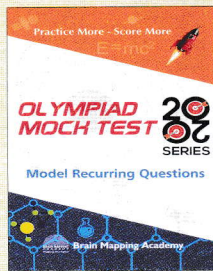
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Classes 1 - 10



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Classes 1 - 10



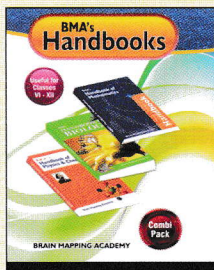
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Classes 3 - 10



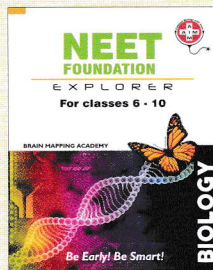
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