2021 - 22

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CLASS 3

Please fill the following details immediately

Name _____

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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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01 There are **1492** ducks at a farm. There are **3292** more chickens than ducks. How many chickens and ducks are there altogether at the farm ?

(A) 4784   (B) 6276

(C) 8076   (D) 2984

02 Choose the missing fraction.

$$\frac{2}{9} + \frac{3}{9} + \frac{4}{9} = ?$$

(A) 1   (B) $\frac{8}{27}$ (C) 3   (D) $\frac{9}{27}$

Space for rough work

03 Mrs. Tanya took 2 h 15 min to bake a cake and another 1 h 45 min to bake a puff. How long did she take to bake the cake and the puff altogether ?

(A) 1 hr 30 min

(B) 3 hours 50 min

(C) 4 hours 0 min

(D) 2 hours 30 min

04 Identify the missing number.

200 less than 12 hundreds 11 tens is ⟨ ⟩

(A) 1110

(B) 1101

(C) 1310

(D) 1410

**05** In counting numbers, how many of them are 2-digit odd numbers ?

(A) 30

(B) 50

(C) 45

(D) 60

─────── Space for rough work ───────

06   Which option is correct ?

(A) 5×3 is greater than $15 \div 3$

(B) 3×9 is smaller than $5 + 9$

(C) $18 \div 3$ is greater than 3×3

(D) $10 - 2$ is equal to $10 \div 2$

07   The length of arrow A is 4 cm longer than the length of arrow B. The length of arrow C is 5 cm shorter than the length of arrow B. If arrow C is 3 m 98 cm long. What is the length of arrow A ?
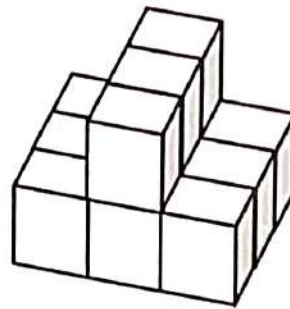

A   B   C
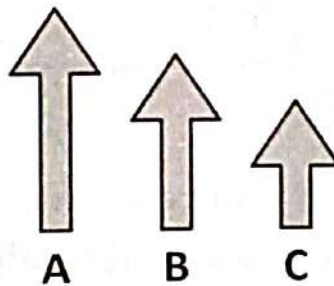
(A) 4 m 3 cm   (B) 4 m 7 cm

(C) 3 m 93 cm   (D) 3 m 97 cm

08   Which number shows seven thousand and seventy seven ?

(A) 7077   (B) 7007

(C) 7070   (D) 7770

————(Space for rough work)————

09 How many cubes are there in the given solid ?

(A) 7   (B) 9   (C) 13   (D) 12

10 Study the number pattern below and fill in the missing number.
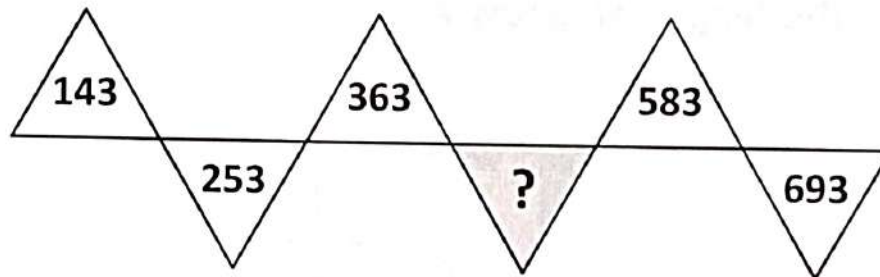
(A) 273   (B) 353

(C) 473   (D) 573

Space for rough work

11 How many are needed to make a total value of

 ?

(A) 30

(B) 35

(C) 40

(D) 50

12 There were 740 people in a museum. 248 of them were children and the rest were adults. How many more adults than children were there ?

(A) 492

(B) 496

(C) 244

(D) 240

13 Monica is preparing 36 doors for an exhibition. If she packs 8 doors a day, how many door will be left unpacked after 4 days ?

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

Space for rough work

14 The time was 5.45 a.m half an hour ago. What time is it now ?

(A) 6:15 a.m.　　　　　　　(B) 5:30 a.m.

(C) 6:30 a.m.　　　　　　　(D) 5:15 a.m.

15 Meena sliced a pizza into 5 equal portions. She ate 2 portions of the pizza. What fraction of the pizza did she eat ?

(A) $\dfrac{1}{5}$　　　(B) 1　　　(C) $\dfrac{2}{5}$　　　(D) $\dfrac{3}{5}$

16 Ankur needs 48 l of juice for his birthday party. How many cartons of juice must he buy if each carton contains 6 l of juice ?
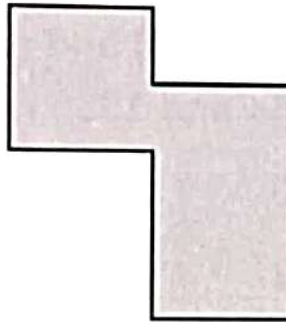
(A) 6　　　　　　　　　　(B) 7

(C) 8　　　　　　　　　　(D) 9

Space for rough work

17 Choose the missing numbers.

```
      7 (b) 7
  − (a) 7  3
  ─────────
    2  8  4
```

(A) a = 5, b = 3

(B) a = 4, b = 5

(C) a = 5, b = 4

(D) a = 3, b = 5

18 This figure is made up of a _____ and a square.

(A) Rectangle

(B) Triangle

(C) Square

(D) Semicircle

Space for rough work

19 Look at the given diagrams below and fill in the blank.
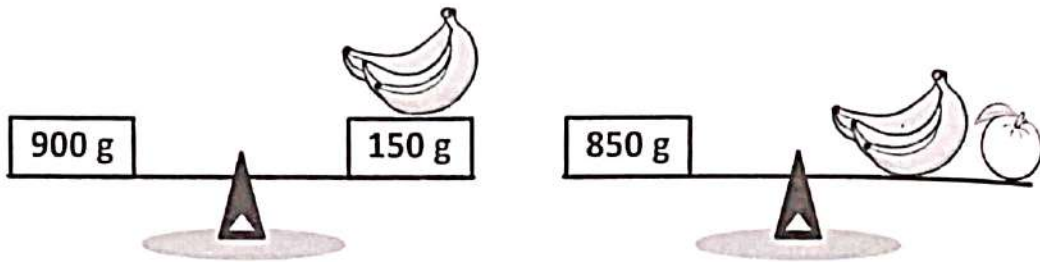
The mass of the orange is _____.

(A) 50 g   (B) 150 g

(C) 100 g   (D) 750 g

20 Choose the quotient (Q) and remainder (R) when the difference of 2254 and 1958 is divided by 7.

(A) Q = 42, R = 0   (B) Q = 42, R = 2

(C) Q = 40, R = 2   (D) Q = 2, R = 42

{ Space for rough work }

21 A tailor had 465 cm of lace. He used 149 cm of it for a skirt. What was the maximum number of pieces of length 50 cm he could cut from the remaining lace ?

(A) 4

(B) 5

(C) 6

(D) 7

22 Eight similar jugs can hold 56 l of water. How many litres of water can 3 such jugs hold ?

(A) 4 l

(B) 10 l

(C) 7 l

(D) 21 l

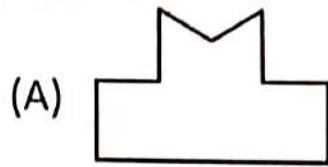**23** Which two fractions do not add up to 1 ?

Column 1		Column 2	
i	1 / 10	p	5 / 8
ii	3 / 8	q	5 / 12
iii	6 / 9	r	3 / 9
iv	5 / 12	s	9 / 10

(A) (i) and (s)

(B) (ii) and (p)

(C) (iv) and (q)

(D) (iii) and (r)

Space for rough work

24 Choose the figure with maximum number of straight lines.

(A)

(B)

(C)

(D)
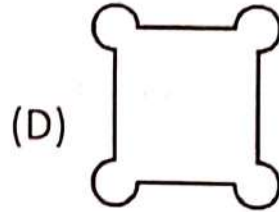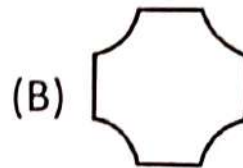
25 If + = 16, × = 48, and

 is smaller than , what is the value of

 ÷ = ?

(A) 8   (B) 12   (C) 3   (D) 4

Space for rough work

26 Why is air important in soil ?

(A) It holds water that plants can absorb.

(B) It helps the soil particles to stick together.

(C) It allows plant roots and soil animals to breathe.

(D) It helps plants to make food.

27 X is a mineral used in making pencils, X could be

(A) Granite   (B) Graphite

(C) Coal   (D) Slate

28 In which of the following seasons, the days are short and nights are long ?

(A) Summer   (B) Monsoon

(C) Winter   (D) Spring

29 Shadows are always formed on/at the

(A) Back of the object

(B) Opposite side of the light source

(C) Back of the light source

(D) Opposite side of the object

Space for rough work

30 Which of these take the shape of the vessel in which it is kept ?

(A) Juice

(B) Oil

(C) Milk

(D) All of these

31 Mona has noted in her calendar, 15th November as full moon. Which shape of the moon would she most likely observe on 30th November ?

(A)

(B)

(C)

(D)
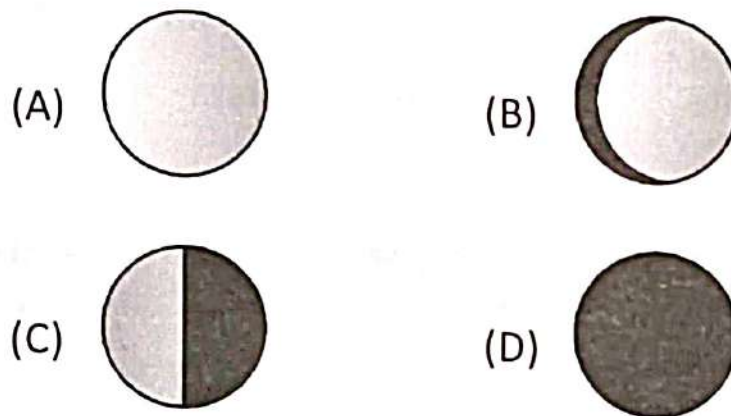
32 Bittu accidentally spilled juice and perfume but the smell of perfume spread in the entire room because

(A) gases have smell and liquids do not.

(B) gases spread more quickly than liquids in the air.

(C) gases can be felt but liquids cannot.

(D) gases cannot be compressed.

Space for rough work

OLYMPIADS

33 Which of her senses can Sravya use to distinguish a silk fabric from a woollen sweater in the dark ?

(A) Sense of hearing   (B) Sense of touch

(C) Sense of sight   (D) Sense of taste

34 The picture shows the planet Earth spinning like a top. What happens due to this spinning ?
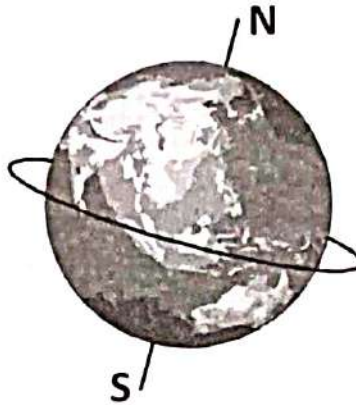
(A) Day and night occur.

(B) Change of seasons occur.

(C) Rain fall occurs in some parts of the Earth

(D) Earthquakes may occur

35 Which of the following statements is correct ?

(A) All plants grow well in sandy soil than in any other soil.

(B) Pumice is used to make floors of buildings.

(C) Humus is required for the proper growth of the plants.

(D) All rocks are made up of one mineral.

┤ Space for rough work ├

36 Refer to the given relationship and select the option which correctly identifies X and Y ?

Nervous system : X : : Skeletal system : Y

	X	Y
(A)	Heart	Kidney
(B)	Brain	Bone
(C)	Spinal cord	Liver
(D)	Artery	Vein

37 Select the incorrect match from the following.

(A) – Indicates that honking is not allowed

(B) – Indicates that church is ahead

(C) – Cautions that school is ahead

(D) – Caution for no parking

Space for rough work

38 I live in water. I lay thousands of eggs without a shell. My baby is called fry. Who am I ?

(A) Fish

(B) Crane

(C) Duck

(D) Frog

**39** Which organ system(s) is mainly involved in the activity as shown in the figure ?

(A) Skeletal system

(B) Digestive system

(C) Muscular system

(D) Both (A) and (C)

40 Renu made four pair of fibres each containing one natural and one synthetic fibre. Identify the CORRECT pair ?

(A) Silk, nylon

(B) Jute, linen

(C) Cotton, jute

(D) Wool, Silk

{ Space for rough work }

41 In which room of the house, one is supposed to sleep ?

(A)

(B)

(C)

(D)
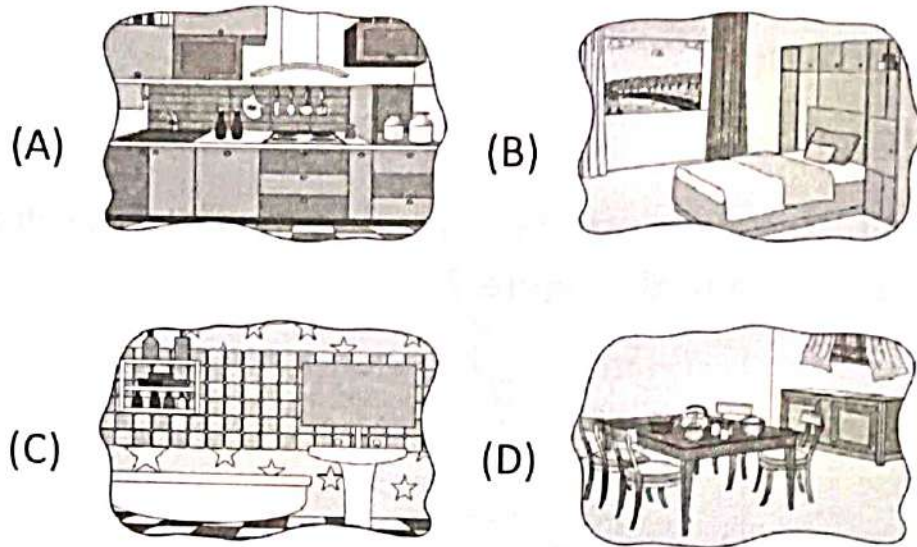
42 Which of the following statements is correct ?

(A) Roots of all plants grow above the ground.

(B) Leaves get water and carbon dioxide from the air.

(C) Most flowers grow into new plants.

(D) Leaves take in carbon dioxide and make food.

43 Select the option that correctly fills the empty boxes in the given flow chart.
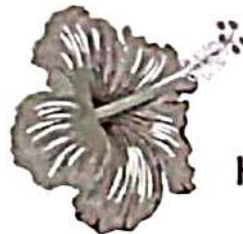

Edible stem

Sugar cane
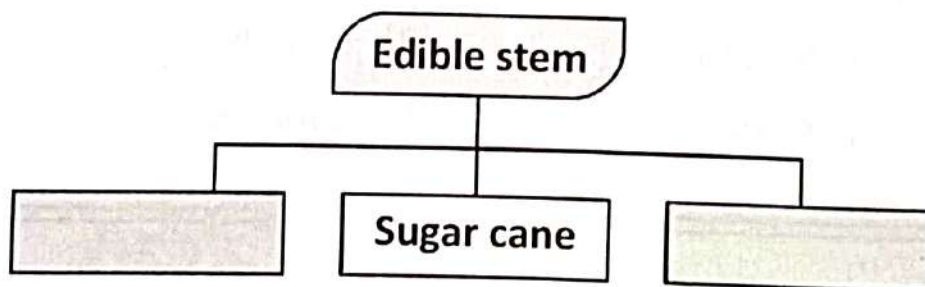
(A) Garlic and Radish

(B) Carrot and Sweet potato

(C) Ginger and Potato
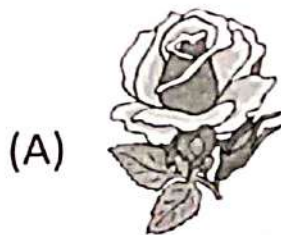
(D) Onion and Turnip

44 Identify X.

An animal X has wings, but it is not a bird.
It gives birth to young one.

(A) Bat   (B) Mosquito

(C) Butterfly   (D) Grasshopper

45 Which of the following plants shows the same type of roots as the plant shown in the given figure ?


Hibiscus

(A)   (B)

(C)   (D)

Space for rough work

46 Match the column I to column II and select the correct option.

	Column I		Column II
P	Long and pointed beak	1	Weaver bird
Q	Talons	2	Penguin
R	Webbed feet	3	Hawk
S	Hanging nest	4	Sunbird

(A) P - 1; Q - 3; R - 2; S - 4

(B) P - 3; Q - 2; R - 4; S - 1

(C) P - 2; Q - 4; R - 1; S - 3

(D) P - 4; Q - 3; R - 2; S - 1

47 Which of the following is a healthy eating habit ?

(A) Eating fresh and covered food

(B) Eating meals at regular intervals

(C) Chewing food properly before swallowing

(D) All of these

Space for rough work

OLYMPIADS

48 Identify X and Y in the given chart.

```
        Synthetic fibre
   ┌──────────┼──────────┐
   X      Polyester      Y
```
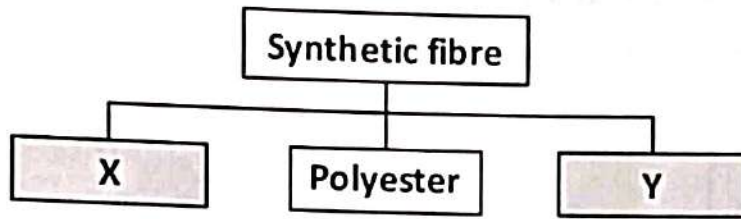
	X	Y
(A)	Nylon	Rayon
(B)	Linen	Nylon
(C)	Lycra	Hemp
(D)	Rayon	Coir

49 Observe the given food chain and identify the correct description about organism 'X'.

Grass → X → Sparrow → Snake

(1) X is a prey.

(2) X is a herbivore.

(3) X is a consumer.

(4) X is a producer.

(A) 1 and 4 only

(B) 2 and 3 only

(C) 3 and 4 only

(D) 2 and 4 only

(Space for rough work)

50 Match the following bird's beak in column I with the food they eat in column II.

	Column I		Column II
P		1	
Q		2	
R		3	
S		4	

(A) P - 1; Q - 3; R - 2; S - 1

(B) P - 3; Q - 4; R - 1; S - 2

(C) P - 4; Q - 2; R - 3; S - 1

(D) P - 4; Q - 1; R - 2; S - 3

(Space for rough work)

51 Which soil is sticky and mostly used for making pots and toys ?

(A) Sandy

(B) Clayey

(C) Loam

(D) Gravel

52 Which of the following option shows the relationship as followed by the given pair ?

Heart : Blood vessels

(A) Kidney : Bones

(B) Stomach : Windpipe

(C) Lungs : Windpipe

(D) Brain : Ribcage

53 Eagles and vultures eat _____ .

(A) Mice and frogs

(B) Fruits and nuts

(C) Grains and seeds

(D) Nectar of flowers

Space for rough work

54 Nest is very important for the birds. Which of the following options supports this statement ?

(A) Birds lay their eggs in the nest.

(B) Nest keeps the birds safe from bad weather.

(C) Nest protects the birds from their enemies.

(D) All of these

55 Choose the CORRECT statement regarding the given organ.
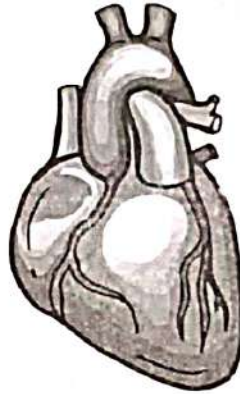
(A) It makes a 'lub' and 'dub' sound.

(B) It is a part of the circulatory system.

(C) It pumps blood to all parts of the body.

(D) All of these

Space for rough work

56 Tanishq encodes words using the board given. For example, the word SHAPE has the code A3D2B2A2D1. What word did Tanishq encode as B3B2C4D2 ?

	A	B	C	D
1	B	K	Z	E
2	P	A	F	H
3	S	M	R	W
4	I	N	T	L

(A) MAZE   (B) MATH

(C) MILK   (D) MASK

57 Nihan picked some oranges from a basket. Shanmukh picked 3 more oranges than Nihan and Mahi picked 5 more oranges than Nihan. Which of the following CANNOT be the total number of oranges picked by them ?
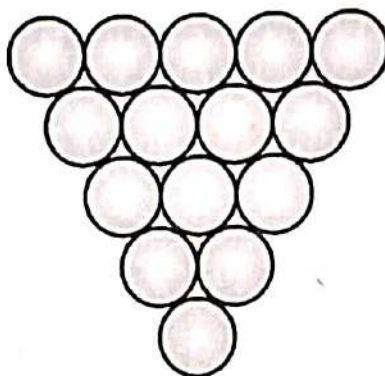
(A) 11   (B) 14

(C) 20   (D) 22

58 If △ + ● = 14; ▢ − △ = 4; ▢ − ● = 6.

Find the sum of △ , ▢ and ● .

(A) 36   (B) 32

(C) 26   (D) 28

59 How many balls touch exactly 6 other balls?

(A) 3   (B) 0

(C) 1   (D) 2

60 Arun's brother has three brothers. If Arun is a boy then which of these statements gives the same information as the given statement ?

(A) Arun has two brothers

(B) Arun has four brothers

(C) Arun has three brothers

(D) Arun's father is a doctor

Space for rough work