Personal Information

Student's Name:-_____ Father's Name:-_____

City:-_____Mobile No:-_____ Exam Date:-   /   /2024

Studying in Class:_____ Appearing for class:-_____ Board: _____

GENERAL INSTRUCTIONS:
- **The question paper has 75 questions in all. Each question carries 1 mark.**
- **All questions are compulsory.**
- **'Section A' contains 10 questions of English.**
- **'Section B' contains 25 questions of Mathematics.**
- **'Section C' contains 25 questions of Science.**
- **'Section D' contains 10 questions of Social Science.**
- **'Section E' contains 5 questions of Hindi.**

Section-A	Section-B	Section-C	Section-D	Section-E	Obtained
English (10)	Hindi (5)	Science (25)	So. Science (10)	Mathematics (25)	(75)

Section- A (English)

Q.1 Read the following passage carefully and answer the questions given below :   5

Garbage is a great environment hazard. It comes from various sources—used paper, tiffin packings, plastic bags, ice-cream wrappers, bottle caps, fallen leaves from trees and many more. Garbage makes the premises ugly, unkempt and breeds diseases. A lot of trash that is thrown away contains material that can be recycled and reused such as paper, metals and glass which can be sent to the nearest recycling centre or disposed of to the junk dealer. It also contains organic matter such as leaves which can enrich soil fertility. A compost pit can be made at a convenient location where the refuse can be placed with layers of soil and an occasional sprinkling of water. This would help decomposition to make valuable fertilizer. This would also prevent pollution that is usually caused by burning such organic waste.

Now answer the following questions by choosing correct options:

1.   Garbage originates from

     (a) used paper, tiffin, packings, plastic bags and fallen leaves from trees

     (b) leftovers of food

     (c) fallen branches from trees

     (d) building materials.

2.   Garbage can create havoc to the mankind by

     (a) spreading foul smell   (b) slowing our vehicles on the road

     (c) spreading several diseases   (d) all the above.

3.   What happens to the disposed of material at the recycling centre?

     (a) It is thrown away.   (b) It is recycled for reuse.

     (c) It is sold to the rag pickers.   (d) It is dumped into the ground.

4.   Fallen leaves from trees are useful because they

     (a) solve the problem of fuel wood in village households

     (b) enrich water quality

     (c) enrich soil fertility

     (d) beautify landscape.

5.   Which of these is correct with reference to a composite pit?
     (a) The refuge is placed with layers of soil with an occasional sprinkling of water.
     (b) It contributes to the manufacture of useful fertilizer.
     (c) It prevents pollution.
     (d) All the above

Q.2   Change the following into Passive Voice   1

     1.   He has sold his new branded car.

     Ans:_____.

Q.3   Change the following into Indirect Speech.   1

     1.   She said to me, "It is very hot today."

     Ans:_____.

Q.4   Change the following as asked in the brackets.   1

     1.   Reema won the first prize.(Present Perfect Tense)

     Ans:_____.

Q.5 **Write a short paragraph on 'My Favourite Season' :** 2

_____

_____

_____

Section- E (HINDI)

प्र.1 नीचे लिखे गद्यांश को पढ़कर उसके नीचे लिखे प्रश्नों के उत्तर लिखो। 5

पोंगल तमिलनाडु राज्य का फसल का त्यौहार है, जो 13 जनवरी को हर वर्ष मनाया जाता है। हालाँकि मूल त्यौहार 14 जनवरी से ही शुरू होता है, जिसे पेरम पोंगल कहा जाता है। यह चार दिन तक चलता है। पोंगल के शुरू होने के पहले 'कोलम' बनाए जाते हैं– 'कोलम' चावल के आटे से बनी साज–सज्जा होती है जो तमिल परिवारों के दरवाजे के बाहर फर्श पर बनाई जाती है। 'कोलम' के बीच में गोबर का ढेर होता है, जिसमें लौकी की पाँच पंखुड़ियाँ लगाई जाती हैं। इसे सृजन का प्रतीक माना जाता है। इसे सूर्य देवता को प्यार के रूप में अर्पित किया जाता है। लोग अच्छी फसल के लिए ईश्वर, पृथ्वी और अपने पशुओं को धन्यवाद देते हैं तथा अगले साल की अच्छी फसल के लिए प्रार्थना करते हैं। पोंगल त्यौहार का नाम वास्तव में एक मिठाई पर पड़ा है। इसे पोंगल उत्सव के दूसरे दिन बनाया जाता है। पोंगल उत्सव में गीत विशेष महत्व रखते हैं। लोग इकट्ठा होकर गीत गाते हैं।

	प्रश्न	उत्तर यहाँ लिखें ☞
1.	पोंगल किस राज्य का त्यौहार है तथा कब मनाया जाता है?	
2.	पोंगल त्यौहार कितने दिन तक चलता है?	
3.	पोंगल के शुरू होने से पहले क्या बनाए जाते है?	
4.	लोग अच्छी फसल के लिए किसे धन्यवाद देते हैं?	
5.	पोंगल त्यौहार क्यों मनाया जाता है?	

Section- C (Science)

Answer the following : 25

1.	Bile juice is produced in_____.	
2.	Mode of nutrition in which an organism depend on other organism.	
3.	How many chambers are there in human heart?	

4.	How many teeth are present in upper jaw of adult human ?	
5.	The SI unit of Speed is _____.	
6.	Which element is used in electric bulb filament?	
7.	Name the process by which extra water of plant is released through leaves.	
8.	Name the type of motion when object is moving in straight line.	
9.	Burning of coal is a _____ change.	
10.	Name the device in which heating effect is used.	
11.	What do we call the image that can be obtained on a screen?	
12.	What is the value of melting point of ice?	
13.	The distance between two station is 200km. A train takes 4 hours to cover this distance. Calculate the speed of train.	
14.	Name the bacterium which provides nitrogen to the leguminous plants.	
15.	Which gas is released by the plants in the process of Photosynthesis?	
16.	Which pigment present in green leaves help in photosynthesis?	
17.	Name the plants trap and feed on insects.	
18.	What is the normal body temperature of human body in Celsius ?	
19.	Name the tiny pores on the leaves that help in exchange of gases.	
20.	Name the respiratory organ in fish.	
21.	What is the mode of heat transfer in liquids?	
22.	Name the tissue that transports food in plants .	
23.	What is the normal heart beat of the healthy human?	
24.	Name the reaction in which acid and base react with each other to form salt and water.	

| 25. | Payal is suffering from indigestion due to acidity. What would you prescribe her to get quick relief?
(a) Orange juice
(b) Antacid Tablet
(c) Both a and b | |

Section- D (Social Science)

Answer the following.   10

1.	Name the place where documents and manuscripts are stored.	
2.	When is the World Environment Day celebrated every year?	
3.	What is the name of the largest snake found in tropical rainforest?	
4.	Write any one rulers from the Mughal Empire.	
5.	The dance form Kathakkali belongs to which state?	
6.	Name the place for which the famous tripartite struggle took place.	
7.	Name the most important layer of atmosphere.	
8.	What is the full form of MLA?	
9.	Name the largest desert of the world.	
10.	The cities Allahabad, Kanpur, Varanasi are located on the bank of which river?	

Section-B (Mathematics)

Answer the following: 25

1.	The value of (-3) x 2 x (-4) x (-5) x 2 is _____	
2.	Fractions having numerator smaller than the denominator are called _____ fractions.	
3.	Convert 5250 g into kg using a decimal _____	
4.	Find the area of a triangle whose base is 35 cm and height is 16 cm.	
5.	Evaluate : $\frac{5}{7} \times \frac{8}{15} \times \frac{14}{3}$.	

6.	Find the sum 4a + 6b + 5c and a + 3b − 4c.	
7.	Solve the equation : 5x + 3 = 18 is _____	
8.	Evaluate : (10/3) ÷ (−1/9)	
9.	If 5 kg of mangoes costs ₹ 150, what is the cost of 15 kg of mangoes?	
10.	Write 50% as fraction in simplest form.	
11.	Write 9/10 as a percent.	
12.	The complement of 50° is _____	
13.	If P denotes 'multiplied' by', T denotes 'subtracted' from', M denotes 'add to' and B denotes 'divided by', then 28 B 7 P 8 T 6 M 4 =? (a) -3/2 (b) 30 (c) 32 (d) 34	
14.	Find 40% of 500.	
15.	Sum of any two sides of a triangle is always _____ than the third side.	
16.	The sum of supplementary angles is _____.	
17.	Area of Rectangle = _____ x _____	
18.	Find the mean of the data: 5, 6, 9, 10, 20.	
19.	All sides of equilateral triangle are _____ in length.	
20.	Fill in the blanks: $\dfrac{3}{5} = \dfrac{9}{} = \dfrac{}{30}$	
21.	Find the median of set of data given : 3, 4, 8, 10, 12	
22.	In right angled triangle = $(\text{Hypotenuse})^2 = (\underline{\quad})^2 + (\underline{\quad})^2$	
23.	Choose the pair in which the words are differently related from the rest. (a) Tree : Stem (b) Face : Eye (c) Chair : Sofa (d) Plant: Flower	

24.	Rohit has a pencil, 1/8 part of it is black, half part of the remaining is white. If the remaining part is blue and the length of blue part is 3.5 cm. What is the length of pencil Rohit has?	
25.	Ram has a piece of wire which is in the shape of rectangle whose length and breadth are 40 cm and 26cm respectively. If he bent it in the form of circle. Find the diameter of circle ?	

Space for Rough Work

Section A (English)

Q.1 Passage
1. a) used paper , tiffin, packing, plastic bags and fallen leaves from trees.
2. c) spreading several diseases
3. b) its is recycled by reuse.
4. c) enrich soil fertility
5. d) all of the above

Q.2 His new branded car has been sold by him.

Q.3 She told me that it was very hot that day.

Q.4 Reema has won the first prize.

Q.5

Section B (Hindi)

1. तमिलनाडू ,13 जनवरी, 14 जनवरी
2. चार दिन तक
3. कोलम
4. ईश्वर , पशु और अपने पशुओं को
5. अच्छी फसल के लिए

Section C (Science)

1. Liver
2. Heterotroph
3. 4
4. 16
5. m/s
6. Tungsten
7. Transpiration.
8. Rectilinear motion/Linear motion
9. Chemical change
10. Iron, heater, geyser
11. Real image
12. 0°
13. 50 km/hr.
14. Rhizobium
15. Carbondioxide
16. Chlorophyll
17. Insectivorous plant/ Pitcher plant/ Venus fly trap
18. 37° C/98.6°F
19. Stomata
20. Gills
21. Convection
22. Phloem
23. 70-100 beats per minute
24. Neutralisation reaction
25. Antacid tablet

Section D (Social Science)

1. Archive/Library
2. 5 june
3. Anaconda
4. Babar, Akbar, Humayun
5. Kerala
6. Kannauj
7. Troposphere
8. Member of legislative Assembly
9. Sahara desert
10. Ganga

Section E (Mathematics)

1. -240
2. Proper
3. 5.250 kg
4. 280 cm^2
5. 16/9
6. 5a+9b+c
7. x =3
8. -30
9. 450
10. ½
11. 90%
12. 40°
13. (b) 30
14. 200
15. Greater
16. 180°
17. Length x breadth
18. 10
19. Equal
20. 15, 18
21. 8
22. $(Hypo)^2 = (per)^2 + (base)^2$
23. (c) chair : sofa
24. 8cm
25. 42cm