

	<b>Entrance Paper (2023-24)</b>		<b>For Office Use Only</b>
	<b>Class:</b>	VIII (SET-B)	
	<b>Time:</b>	02:00 Hr.	
	<b>M.M:</b>	75	

## 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**

Patriotism is an old concept, as old perhaps as the earliest of humans civilisations. But all through the history of mankind, it has been narrowly understood. Today people have begun to realise that patriotism is an essential part of human instinct. Patriotism has its negative sides particularly when it exceeds its proper bounds. People who think their own country to be the best and are blind to its weaknesses are not patriots at all. We are the members of a large human family and so cannot neglect our duties and responsibilities towards it. Our love for the country should be conditioned by respect for the whole community. Narrow prejudice can do nothing except to bring misfortune. In trying to overlook others' interest in the modern world, we harm our own. Patriotism should be tempered with reason so that it may not be an evil.

Source: Wisdom

**Now answer the following questions by choosing correct options:**

1. Today what is the belief of people regarding patriotism?  
 (a) It is narrowly understood.                      (b) It is not needed.  
 (c) It is a part of human instinct.                (d) None of the above
2. Which type of the people can be categorised as patriots?  
 (a) Those who think others' country greater than their own.  
 (b) Those who think their own country to be the best inspite of its weaknesses.  
 (c) Those who keep a neutral attitude towards their country.  
 (d) Those whose love for the country is conditioned by respect for the entire community.
3. Narrow prejudices always bring  
 (a) misfortune    (b) good opportunity  
 (c) good luck    (d) huge amount of money
4. Patriotism is an evil when it is  
 (a) tempered with reason                              (b) not tempered with reason  
 (c) beyond narrow feelings                          (d) None of the above
5. The word in the passage means opposite to positive  
 (a) Proper                      (b) Narrow                      (c) Negative                      (d) Reason.

**Q.2 Change the following into Passive Voice** **1**

1. He had received a letter.

Ans: \_\_\_\_\_.

**Q.3 Change the following into Indirect Speech.** **1**

1. Saima said to me," It has been raining since morning".

Ans: \_\_\_\_\_.

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

1. Riya took my book.(Present Perfect Tense)

Ans: \_\_\_\_\_.

**Q.5 Write a short paragraph on 'My Favourite T.V. Serial' :** **2**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Section- B (HINDI)

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

सुबह का समय था। कमल के पापा को ऑफिस जाने में देर हो रही थी। कभी वह टाई के लिए चिल्लाते तो कभी रूमाल के लिए। तैयार तो हो गए, पर अब उनका चश्मा नहीं मिल रहा था। उसके पापा का गुस्सा सातवें आसमान पर था। वह मम्मी को भी कोस रहे थे। नन्हे कमल से रहा नहीं गया। वह अपने पापा के पास गया और बोला, “पापा”। पापा तो पहले से ही गुस्से में थे। सो झटकते हुए कह दिया, “क्या है? क्यों परेशान कर रहे हो? कमल पापा की झिड़की सुन पहले तो सहम गया, फिर पापा को पुस्तक का एक पृष्ठ खोलकर दिखाते हुए बोला, “पापा, इसे पढ़ो”। “क्या है, दे”। पापा ने झटके से वह पुस्तक छीनी और पढ़ने लगे। पुस्तक में लिखा था, “क्रोध से बचो। यह इंसान को खूंखार जानवर बना देता है। अपना या किसी दूसरे का नुकसान भी कर सकता है।” पापा ने जब यह पढ़ा तब वह शांत हो गए और बोले, “हो सकता है चश्मा ऑफिस में ही रह गया हो, लेकिन घर पर भी खोजना चाहिए।” पापा को शांत होते देख कमल खुश हो गया, क्योंकि उसने अपने पिता को जानवर बनने से रोक लिया था।

	प्रश्न	उत्तर यहाँ लिखें ✍
1.	प्रस्तुत गद्यांश का शीर्षक क्या होगा?	
2.	कमल के पापा कहां जाने के लिए तैयार हो रहे थे?	
3.	कमल के पापा को क्या नहीं मिल रहा था?	
4.	पापा का गुस्सा कौनसे आसमान पर था?	
5.	कमल ने अपने पापा को क्या बनने से रोका?	

### Section- C (Science)

Answer the following :

25

1.	Bean shaped , reddish brown part present in excretory system is	
2.	Name the process of transfer of pollen grains form anther to stigma.	
3.	What percentage (%) of water is present in human body?	
4.	Name the acid produced in our stomach .	
5.	How many teeth are present in lower jaw of adult human?	
6.	What is the speed of car travelling 150km distance in 3 hours?	

7.	The material which allow heat to pass throw it .	
8.	Name the organism that feed on host .	
9.	Name the type of motion in which an object move on its own axis.	
10.	A band of seven colours obtained with the help of a prism is called as _____.	
11.	Name the safety device used to prevent short circuit.	
12.	What do we call the image that cannot be obtained on a screen?	
13.	What is the value of boiling point of water?	
14.	The false feet in amoeba are used for _____.	
15.	Name the main green house gas.	
16.	Which gas is produced (Released) by the plants in the process of Photosynthesis?	
17.	Which part of the plant is called its food factory?	
18.	The largest gland in the human body is_____.	
19.	Blood vessels which carry oxygenated blood.	
20.	Name the respiratory organ in frog.	
21.	Finger like projection in the inner walls of small intestine.	
22.	What is the mode of heat transfer in solids?	
23.	Name the tissue that transports water in plants.	
24.	Name the pumping organ in human body.	
25.	Photosynthesis requires Chlorophyll and a few other raw materials. Add the missing raw materials to the list given below. Water, minerals ,_____, _____. (a) Water, Carbon di oxide (b) Oxygen , Carbon di oxide (c) Sunlight, Carbon di oxide (d) Sunlight , Oxygen	

**Section- D (Social Science)**

**Answer the following.****10**

1.	When is the world water day celebrated?	
2.	The process of transformation of the rock from one form to another is known as.....	
3.	Write any one rulers of Delhi Sultanate.	
4.	How many layers of atmosphere are there?	
5.	Who established Hyderabad Province?	
6.	Name the process through which water continuously changes its form?	
7.	Roads built underground are called.....	
8.	The dance form Kuchipudi belongs to which state?	
9.	Who established Khalsa? (a) Guru Nanak                      (b) Guru Gobind Singh	
10.	Mention any one city from the Golden Quadrilateral. (Super Highways)	

**Section-B (Mathematics)****Answer the following:****25**

1.	The value of: $(-12) \div 2 \times (-4)$ is _____.	
2.	Fractions having numerator bigger than the denominator are called _____ fractions.	
3.	$1259 \text{ cm} = \text{_____ m.}$	
4.	Solve: $\frac{7}{18} - \frac{5}{9}$	
5.	Evaluate: $\frac{7}{15} \div \frac{3}{25}$	
6.	The sum: $-4a - 6b + 5c$ and $-2a + 3b - 4c$ is _____	
7.	The value of x in equation $5x - 5 = 25$ is _____	
8.	Find the ratio of ₹5 to 50 paise.	

9.	If 3 kg of apples costs ₹ 210, then the cost of 20 kg of apples is _____	
10.	Write 25% as fraction in simplest form.	
11.	Write $\frac{3}{5}$ as a percent.	
12.	The supplement of $50^\circ$ is _____.	
13.	In a right angled triangle, one of the angles is $40^\circ$ , the value of third angle is _____	
14.	If $x=3$ , then the value of $x^2 + 3x - 5$ is _____	
15.	Each angle of rectangle is of measure _____ degree.	
16.	The sum of complementary angles is _____.	
17.	Perimeter of rectangle = $2 \times (\text{_____} + \text{_____})$	
18.	The mean of first five even numbers is _____.	
19.	Each angle of an equilateral triangle is _____.	
20.	Find the value of $2^0 \times 3^0 \times 5^0$	
21.	The mode of set of data given : 3, 4, 8, 10, 12, 3, 7, 3 is _____	
22.	Find the two consecutive numbers whose sum is 27.	
23.	If P denotes 'multiplied' by', T denotes 'subtracted' from', M denotes 'add to' and B denotes 'divided by', then $28 \text{ B } 7 \text{ P } 8 \text{ T } 6 \text{ M } 4 = ?$ (a) $-\frac{3}{2}$ (b) 30 (c) 32 (d) 34	
24.	A car travelled 100 km in $1\frac{1}{2}$ hours. How many kilometres per hour did it travel?	
25.	While helping father put in a new driveway , Shyam carried 14 bags of sand from the garage to the cement mixer. If each bag weighted 25 and $\frac{1}{4}$ kg. What was the total weight (in grams) of all the sand that Shyam carried	

## Space for Rough work

Class : 8<sup>th</sup> Set B

### Section A (English)

Q.1

1. (c) It is a part of human instinct.
2. (d) Those whose love for the country is conditioned by respect for the entire community.
3. (a) misfortune
4. (b) not tempered with reason
5. (c) Negative

Q.2 A letter had been received by him

Q.3 Saima told me that it had been raining since morning.

Q.4 Riya has taken my book.

Q.5

### Section E (Hindi)

1. क्रोध से बचो, कमल के पापा
2. आफिस
3. टाई, रूमाल
4. सातवें
5. जानवर

### Section C (Science)

1. Kidney
2. Pollination
3. 70%
4. HCL, Hydrochloric acid
5. 16
6. 50 km/h
7. Conductor
8. Parasite
9. Rotatory motion/Rotational /Spinning
10. Spectrum
11. Fuse/MCB
12. Virtual image
13. 100° C
14. Locomotion / capture the food
15. Carbon dioxide
16. Oxygen
17. Leaves
18. Liver
19. Artery/Pulmonary vein
20. Lungs/gills/skin
21. Villi
22. Conduction
23. Xylem

24. Heart

25. Sunlight, carbon dioxide

### Section D (Social Science)

1. 22 March
2. Rock cycle
3. Qutub-ud-din-Aibak, Iltutmish
4. 5
5. Asaf jah
6. Water cycle
7. Subway
8. Andhra Pradesh
9. Guru Gobind singh
10. Delhi/Mumbai/chennai/Kolkata

### Section E (Mathematics)

1. 24
2. Improper
3. 12.59 m
4.  $-1/6$
5.  $35/9$
6.  $-6a -3b+ c$
7.  $x=6$
8. 10:1
9. 1400
10.  $\frac{1}{4}$
11. 60%
12. 130°
13. 50°
14. 13
15. 90°
16. 90°
17.  $2x$  (length+breadth)
18. 6
19. 60°
20. 1
21. 3
22. 13, 14
23. (b) 30
24.  $66\frac{2}{3}$
25. 353500 gm