

ENTRANCE EXAM

CLASS-VI

Time: 2.5 Hrs

MM: 100

Instructions:

1. All questions are compulsory.
2. All questions must be answered in the question booklet itself in the space provided for this purpose
3. All sub-questions under the main question carry equal marks.
4. Rough work, if required, may be done on the last few pages of this question booklet, provided for the purpose.

Part-A (English)

35 Marks

1.

Read the unseen passage below and answer the questions that follow:

Using ear-phones while driving can be far more dangerous than driving under the influence of liquor.

Latest research says drivers using these mobile phones as a means of faster day-today communications may be heading for an accident. The study has shattered the common belief that drinking is the chief cause of the majority of road mishaps. Talking on mobile phones increases the risk to one's life compared to driving after being drunk. The findings of the study are based on the survey of several cases of road accidents.

In fact, a study of the records of drivers involved in 699 such mistakes showed that the risk of accident for those who talk on phone while driving was at least four times higher compared to those driving in a state of drunkenness.

The only advantage for those driving with cellular phone was that they could summon immediate help through these phones. The study which is relevant for the entire world is relevant for India as well. Here too these phones are being used increasingly for communication and business transactions.

On the basis of your reading of the above passage complete the following sentences in your own words in the given space: (5)

a)	Using ear phones while driving is very dangerous because _____
b)	Accidents on the road can be caused because _____
c)	Latest research has made it clear that _____
d)	With the help of a mobile phone one can _____
e)	Cell phones are being used increasingly in India for _____

Find a word from the above passage that means the same as: (3)

- (a) risky _____
- (b) accidents _____
- (c) call _____

State 'True' or 'False': (2)

(a) Using ear-phones while driving is safer and can prevent accidents.

(b) These studies of Western countries are not relevant in Indian context.

3.

Write an essay on top five problems that our country is currently facing.

OR

Narrate your experience of watching a movie with your family.

(200 words)

(10)

Question No.	Question	Space for Answer
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4.	Fill in the blank with suitable preposition/conjunction/article: (5)	
a)	We visited the Jog Falls _____ the vacations.	
b)	He is _____ to leave.	
c)	Make hay _____ the sun shines.	
d)	Work hard _____ you will fail.	
e)	Sri Lanka is _____ island.	

Part-B (Maths)

30 Marks

Question	Question	Space for Answer
1.	Find the answer for the following: (5)	
a)	Convert 100°C into °F.	
b)	Difference of 100 and 9.876 would be?	
c)	Juice comes in 1.89 l container and 221 ml container. Which one is smaller?	

Question No.	Question	Space for Answer
d)	What is the smallest number divisible by both 3 & 4?	
e)	Simplify $108 \div 9$ of $6 + 10 \times 4 - 2 \times 9$	
2.	Fill in the blanks: (5)	
a)	When a number is divided by its factor, the remainder is _____.	
b)	When we multiply a decimal number by 100, the decimal point in the multiplicand moves to the _____ by two places.	
c)	In BODMAS rule, letter 'O' stands for _____.	
d)	_____ number of unit cubes are to be added to make a cuboid of dimension $4 \times 4 \times 2$.	
e)	$2372 \times 12 =$ _____.	
3.	Answer the following: (10)	
a)	Ashok bought $\frac{2}{5}$ kg of mangoes and $\frac{5}{6}$ kg of grapes. What is the total weight of fruits that he bought?	
b)	If $1 = 3, 2 = 3, 3 = 5, 4 = 4, 5 = 4$, Then, $6 = ?$	
c)	Form the smallest and largest 8-digit numbers using all the given digits once. $6, 2, 5, 0, 9, 4, 7, 3$	
d)	Rohan went to buy 6 pencils for himself and the shopkeeper demanded Rs. 24 from him. He remembered his friend Swati also needed 2 pencils, so he asked for a total of 8 pencils. What should be the final amount that he should pay?	

Question No.	Question	Space for Answer
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4.	Find the answer to the following real life problems: (10)	
a)	Chunmun's mother bought new containers for her kitchen. The diameter of each container is 15 cm and the height is 9 cm. How many of these can she arrange in the three shelves in her cabinet measuring 100 cm X 50 cm X 50 cm each?	
b)	Avi was born on 30 th December, 2015 at 10:24 pm. His mother recorded following events in his life. Find out the dates of each event: a) First photo: 8 hours b) First smile: 3 days c) First toy: 2 weeks d) First tooth: 8 months e) First steps: 12 months 3 days	

Part-C (Social Science)

20 Marks

Question No.	Question	Space for Answer
1.	Select and write the correct answer: (5)	
a)	Sandstone and Limestone are examples of _____ rocks. (igneous/sedimentary/metamorphic)	
b)	_____ of milk is a process by which germs in it can be killed. (pasteurization/condensation/eradication)	

Question No.	Question	Space for Answer
c)	Air contains _____ which is needed for burning. (carbon-di-oxide/nitrogen/oxygen)	
d)	_____ will take more time to degenerate as compared to wood. (Organic waste/Paper/Aluminium foil)	
e)	_____ was also known as the 'Father of Modern India'. (Raja Ram Mohan Roy/C. V. Raman/Homi Jahangir Bhabha)	
2.	State TRUE or FALSE: (5)	
a)	There are 5 continents and 7 oceans on the Earth's surface.	
b)	Greenland is the second largest island in the world.	
c)	Dr. A. P. J. Abdul Kalam was awarded the Bharat Ratna posthumously i.e. after his death.	
d)	Tsunamis are huge waves created by underwater earthquake deep near the ocean floor.	
e)	Sundarlal Bahuguna is most famously attached with the 'Chipko Andolan'.	
3.	Answer the following questions: (10) (Each question carries 5 marks. Attempt ANY TWO. Maximum 150 words)	
a)	Discuss the solar and lunar eclipses.	

b)

Name different types of forces and different forms of energy?

c)

What do you know about the United Nations?

Question No.	Question	Space for Answer
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Part-D (General Knowledge)

15 Marks

Question	Question	Space for Answer
1.	Write the full form of following World Organisations? (5)	
a)	WHO	
b)	UNESCO	
c)	UNICEF	
d)	FAO	
e)	IMF	
2.	State TRUE or FALSE: (5)	
a)	The skill of identifying a disease is known as diagnosis.	
b)	Faridabad in U.P. is famous for the glass-bangle industry.	
c)	The 2024 Olympics will be held in Paris.	
d)	Covid-19 is an infectious disease caused by a recently discovered bacteria.	
e)	Sarojini Naidu was the first Indian woman to become the President of UNGA.	
3.	Answer the following questions: (5)	
a)	Who is the present Secretary-General of the UN?	
b)	Who is the current Railway Minister of India?	

Question No.	Question	Space for Answer
c)	In which year was the latest <i>notebandi</i> (demonetization) declared?	
d)	What is the latest version of Apple iPhone called?	
e)	Who was the winner of Nobel Peace Prize-2020?	

SPACE FOR ROUGH WORK