

ENTRANCE EXAM

2020

CLASS-VII

Time: 2 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: (10) |
| <p>To make our life meaningful, we need to mind our thoughts, for our thoughts are the foundation, the inspiration and the motivating power of our deeds. We create our entire world by the way we think. Thoughts are the causes and the conditions are the effects.</p> <p>Our circumstances and conditions are not dictated by the world outside; it is the world inside us that creates the outside. Self-awareness comes from the mind, which means soul. Mind is the sum total of the states of consciousness grouped under thought, will and feeling. Besides self-consciousness we have the power to choose and think. Krishna says: "No man resteth a moment inactive." Even when inactive on the bodily plane, we are all the time acting on the thought plane. Therefore, if we observe ourselves, we can easily mould our thoughts. If our thoughts are pure and noble, our actions will naturally follow the same pattern. If our thoughts are filled with jealousy, hatred and greed, our actions will reflect the same attributes.</p> <p>Karmically, however, a thought or intent is more responsible and dynamic than an act. One may perform a charitable act but if one does not think charitably and is doing the act just for the sake of gain and glory, it is one's thoughts that will determine the result. Theosophy teaches us that every thought, no matter how fleeting, leaves a seed in the mind of the thinker. These small seeds together go to make up a large thought seed and determine one's general character. Our thoughts affect the whole body. Each thought once generated and sent out becomes independent of the brain and mind and will live upon its own energy depending upon its intensity.</p> <p>Trying to keep a thought from our mind can produce the very state we are trying to avoid. We can alter our environment to create the mood. When, for instance, we are depressed, if we sit by ourselves trying to think cheerful thoughts, we often do not succeed but if we mix with people who are cheerful we can bring about a change in our mood and thoughts. Every thought we think, every</p> | |

act we perform, creates in us an impression, like everything else and is subject to cyclic law and becomes repetitive in our mind. So, we alone have the choice to create our thoughts and develop the kind of impressions that make our action more positive.

Let us choose the thought seeds of right ideas, noble and courageous aspirations that will be received by minds of the same nature. Right introspection will be required of us to determine what we really desire to effect. Everything in the universe is inter-related and inter-dependent, that we live in one another and by accepting the grand principle of universal brotherhood we shall be in a position to appreciate what a heavy responsibility is ever ours to think right. Let us reflect and send loving and helpful thoughts and lighten the load of the world's suffering.

| Question No. | Question | Space for Answer |
|--------------|---|------------------|
| a) | How can we make our life meaningful? (i) motivating power of our deeds (ii) need to mind our thoughts (iii) the way we think (iv) all of the above | |
| b) | Why does Krishna say, "No man resteth a moment inactive?" (i) all the time acting on the thought plane (ii) thoughts are pure and noble (iii) thoughts are filled with jealousy (iv) none of the above | |
| c) | How do our thoughts affect our actions? (i) have the power to choose and think (ii) actions follow thought (iii) thoughts affect the whole body (iv) both (ii) & (iii) | |
| d) | What determines the result of our charitable acts? (i) think charitably (ii) thoughts determine the result (iii) act for the sake of gain and glory (iv) both (i) & (ii) | |
| e) | How can we change our mood when we are depressed? (i) trying to think cheerful thoughts (ii) mix with people who are cheerful (iii) create our thoughts (iv) none of the above | |
| f) | What is important to bring about the desired effect of universal brotherhood? (i) choose the thought seeds of right ideas (ii) right introspection (iii) appreciate heavy responsibility to think right (iv) all of the above | |

| Question No. | Question | Space for Answer |
|-------------------|--|------------------|
| g) | Identify the word which is closest in meaning to the word 'situations' in the first two paragraphs of the | |
| h) | Identify the word which is opposite in meaning to the word 'loss' in the first three paragraphs of the | |
| i) | Identify the word which is opposite in meaning to the word 'gloomy' in the last two paragraphs of the | |
| j) | What would be the word in last two paragraphs of passage which means 'looking within oneself'? | |
| 2. | <p>You are Miss Sudha of Dharwad Colony, Vadodara. Your uncle has presented a book related with the art of living on your birthday. Write a letter to him informing him about the usefulness of the book and also thanking him for choosing such a valuable gift for you.</p> <p style="text-align: center;">OR</p> <p>Rama Rao's son Arup did not return to his home at 26, Vasant Enclave, Vijaywada from his tuitions. Write a letter from Rama Rao to Police Station, Vijaywada regarding this.</p> <p>(Do not write your real name anywhere in the letter) (120 words) (10)</p> | |
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| 4. | Fill in the blank with suitable option given: (5) | |
| a) | None of these buses _____ to the railway station. (go/goes) | |
| b) | How _____ chairs do we need? (much/many) | |
| c) | Grandpa claims that Martian measles _____ green and purple spots to erupt all over a person's body. (cause/causes) | |
| d) | The rise and fall of the tides _____ due to the influence of the moon. (is/are) | |
| e) | My sister is _____ architect. (an/the) | |

Part-B (Maths)

30 Marks

| Question No. | Question | Space for Answer |
|--------------|--|------------------|
| 1. | Find the answer for the following (5) | |
| a) | Which is greater? -1 or -15? | |
| b) | Which is greater? $\frac{5}{6}$ or $\frac{4}{5}$? | |
| c) | Which is greater? 0.17 or 0.2? | |
| d) | Subtract 202.54m from 250m. | |
| e) | How much degrees is a straight angle? | |
| 2. | Fill in the blanks (5) | |
| a) | Volume is measured in _____ units of length. | |
| b) | The word 'algebra' is derived from a book written by an _____ mathematician. | |
| c) | -0.6 would fall on the _____ side of zero on a number line. | |
| d) | A pentagon has _____ vertices. | |
| e) | 'Three hundred six and seven-hundredths' in decimals would be expressed as | |

| | | |
|-----------|--|--|
| 3. | Answer the following (10) | |
| a) | If the area of a circle is 81π square feet, find its circumference. | |
| b) | A and B invest money in the ratio 3:4 and they has loss of Rs.7000 at the end of year. What is the share of loss of B? | |
| c) | How many such 3's are there in the following number sequence which are immediately preceded by an odd number and immediately followed by an even number? 5 3 8 9 4 3 7 2 3 8 1 3 8 4 2 3 5 7 3 4 2 3 6 | |
| d) | A sum of Rs.150 has two types of coins Rs.1 and Rs.2. If total number of coins is 100 then what is the number of Rs.2 coins? | |
| 4. | Find the answer to the following real life problems: (10) | |
| a) | Two friends, Ashima and Pakhi went to the market to purchase hairclips. They purchased 20 hairclips for Rs. 30. Ashima gave Rs. 12, while Pakhi paid Rs. 18. How many hairclips should each one of them get to keep? | |
| b) | You and your best friend Mahesh are fond of jogging every morning and both of you claim to have jogged more than the other. One fine day you run around a square field of side 75 m, while Mahesh runs around a rectangular field with length 160 m and breadth 105 m. Whose claim of running a greater distance will be true that day and by how much? | |

| Question No. | Question | Space for Answer |
|--------------|---|------------------|
| 1. | Select and write the correct answer: (5) | |
| a) | _____ is known as the father of the Indian Constitution. (Dr. B. R. Ambedkar/ Mahatma Gandhi/ Dr. S. Radhakrishnan) | |
| b) | The movement of the Earth around the sun is known as _____. (rotation/revolution/inclination) | |
| c) | Christmas is celebrated in summer season in _____. (Japan/India/Australia) | |
| d) | The _____ passes through India. (Tropic of Cancer/Tropic of Capricorn/ Equator) | |
| e) | _____ became the most important <i>mahajanapada</i> about 2500 years ago. (Harappa/Magadha/Hastinapur) | |
| 2. | Write TRUE or FALSE (5) | |
| a) | Gautam Buddha taught in the language of ordinary people, that is Hindi. | |
| b) | It will be 7:30 pm in India, when it is 2:00 pm noon in London. | |
| c) | Animals which eat both plants and animals are known as carnivores. | |
| d) | Pilgrims are men and women who undertake journeys to holy places to expand their business. | |
| e) | Sawdust is completely soluble in water. | |

b)

Discuss the main teachings of either Buddhism or Jainism.

Part-D (General Knowledge)**15 Marks**

| Question No. | Question | Space for Answer |
|--------------|---|------------------|
| 1. | Write the capitals of following states /UTs/nations? (5) | |
| a) | Jharkhand | |
| b) | Manipur | |
| c) | Puducherry | |
| d) | Dadra and Nagar Haveli | |
| e) | United Kingdom | |
| 2. | Write TRUE or FALSE (5) | |
| a) | Birds don't urinate. | |
| b) | Arctic Ocean is the deepest and largest ocean on Earth. | |
| c) | Mission <i>Indradhanush</i> is related to child vaccination in India. | |
| d) | The headquarters of International Red Cross is at Geneva | |
| e) | Congress declared 'Purna Swaraj' as its goal at its Lahore session. | |
| 3. | Answer the following questions: (5) | |
| a) | Which country has won the Thomas Cup titles for the maximum times? | |
| b) | Who won the Nobel Prize of Literature in 2019? | |
| c) | Which film was adjudged the best feature film in Hindi in the 66 th National Film Awards for 2018, held in 2019. | |
| d) | Who founded the Boy Scout Movement? | |
| e) | Which planet in our Solar System is the hottest, brightest and has the longest rotation period?? | |