

- Q.3** a) Two numbers are in the ratio 5 : 3. If they differ by 18, what are these numbers.
 b) Find the height of a cylinder whose radius is 7 cm and the total surface area is 968 cm². (3×2 = 6)

[Part-4 (Science)]

- Name the metal used in thermometers. (1)
- Genes, the unit of inheritance are present in
 a) Cytoplasm b) Vacuole c) Nucleus d) None of these (1)
- The audible range of hearing is
 a) 20 Hz b) 20 Hz to 20,000 Hz (1)
 c) More than 20,000 Hz d) None of these (1)
- What is frictional force? (1)
- Name two green house gases. (1)
- Immersion rods for heating liquids are made of metallic substances. Give reason. (2)
- Give two examples of situations in which applied force causes a change in shape of an object. (2)
- Is it safe for the electrician to carry out electrical repairs outdoors during heavy rainfalls? Explain. (2)
- Why chloroplasts are found only in plant cells? (2)
- Draw a labelled diagram of larynx. Explain its function. (2)
- (a) Describe green house effect. (2,3)
 (b) Differentiate between eukaryotes and prokaryotes.

**Entrance Test - 2019****Class - 9th****[Set - I]****M.M.: 80****[Part-1 (English)]**

Note: Candidates are required to give their answers in their own words as far as practicable. Marks allotted to each question are indicated against it.

- 1. Read the passage given below and answer the questions that follow:**

The blind beggar gave the violin to him. The gentleman stood by his side and began playing. People began gathering round him. In a short time the crowd became very large. The music was very sweet and not one among them moved away. After some time the man stopped playing. All the people dropped coins into the beggar's cap. It became very heavy. The dog was not able to hold it and dropped it. The coins fell on the road. The blind beggar now gathered all the coins and the gentleman helped him. The beggar now had a lot of money and was very happy.

Answer the following questions briefly:

- To whom did the blind beggar give the violin?
 - What did the gentleman do then?
 - What did the people do at the end of the music?
 - Why did the dog drop the cap?
 - Who gathered the coins from the road?
 - Find the words in the passage which mean:
 - a person, typically a homeless one, who lives by asking for money or food. (5)
 - fall or let fall. (5)
- 2. Write an article on 'Conservation of Water' in about 60 words. (5)**

3. Do as directed:

- (a) 'Glorious' (Correct the spelling)
 (b) Conjugate the verb 'take'.
 (c) sky is blue. (Fill in the blank with appropriate article)
 (d) We expect good news. (Change into Past Indefinite Tense)
 (e) He is junior (to/then) me. (Fill the gap with appropriate word)
 (f) She hit the ball. (Change into an Interrogative Sentence)
 (g) Kavita sang a song. (Change the voice)
 (h) Who broke the slate? (Change the voice)
 (i) He says, "Mohan is coming." (Change the narration)
 (j) He said to me, "What are you doing?" (Change the narration) (10)

[भाग -2 (हिन्दी)] अधिकतम अंक : 20

प्र०1- निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखें:-

कुछ लोग भार्यवादी होते हैं और राब कुछ गाम्य के सहारे छोड़कर कर्म से बिरा हो जाते हैं। ऐसे लोग समाज के लिए बोझ हैं। वे कभी कोई बड़ा काम नहीं कर पाते। बड़ी-बड़ी खोज, बड़े-बड़े आविष्कार और बड़े-बड़े निर्माण कार्य-कर्मशील लोगों के द्वारा ही संभव हो सके हैं। हम अपनी बुद्धि और प्रतिभा तथा कार्य-क्षमता के बल पर सही मार्ग पर चल सकते हैं, किंतु बिना कठिन श्रम के अपने लक्ष्य तक नहीं पहुँच सकते। कठिन परिश्रम करने के बाद पाई गई सफलता हमारे मन को आलौकिक आनंद से भर देती है। यदि हम अपने कार्य में अपेक्षित श्रम नहीं करते तो हमारा मन रत्नानि का अनुभव करता है।

- 1) किस प्रकार के लोग समाज के लिए बोझ होते हैं ?
- 2) हम किस प्रकार सही मार्ग पर चल सकते हैं ?
- 3) हमारा मन कब रत्नानि अनुभव करता है ?
- 4) इस गद्यांश का उचित शीर्षक दीजिए।
- 5) 'कठिन शब्द का विलोम लिखें। (10)

प्र०2- दिए गए संकेत बिन्दुओं के आधार पर निम्नलिखित विषयों में से किसी एक विषय पर 200 से 250 शब्दों में एक निबन्ध लिखिए--

क) विद्यार्थी और अनुशासन -

- 1) भूमिका
- 2) अनुशासन का महत्त्व
- 3) प्रकृति का संदेश
- 4) नैतिक पक्ष में अनुशासनहीनता
- 5) अनुशासनहीनता के कारण
- 6) उपसंहार

ख) विज्ञान वरदान या अभिशाप --

- 1) भूमिका
- 2) वर्तमान युग विज्ञान का युग
- 3) विज्ञान एक वरदान
- 4) विज्ञान एक अभिशाप
- 5) उपसंहार (10)

[Part-3 (Maths)]

Note : All questions are compulsory.

Q.1 Do as directed

- a) Write the additive inverse of $-\frac{2}{9}$.
- b) Solve the linear equation $2x - 3 = 7$.
- c) $(x + a)(x + b) =$ _____
- d) Find the square root of 576. (4×1=4)

Q.2 Solve the following:

- a) Use suitable identity to evaluate 78×82 .
- b) Find the area of trapezium whose parallel sides are 11 cm and 7 cm and height is 9 cm.
- c) Find the cube root of 15625.
- d) Find the product $(x - y)(3x + 5y)$.
- e) Solve $-\frac{6}{5} + \left(\frac{-8}{3}\right)$. (5×2 = 10)

Q.3 a) Find the total surface area of a cone, if its slant height is 21 m and diameter of its base is 24 cm.

b) The angles of quadrilateral are in the ratio 3 : 5 : 9 : 13. Find all the angles of the quadrilateral.

(2×3=6)

[Part-4 (Science)]

- Who discovered electron ? (1)
- What is acceleration ? Give its unit. (1)
- Tissue which is responsible for the movement of body is (1)
 - Connective tissue
 - Muscular tissue
 - Epithelial tissue
 - Nervous tissue
- Odometer of an automobile measures (1)
 - speed
 - distance covered
 - average speed
 - None of these
- Why plasma membrane is called selectively permeable membrane ? (2)
- Write down chemical formula of potassium oxide.
 - Calculate molar mass of NH_3 .
- Flash and thunder are produced simultaneously. But thunder is heard a few seconds after the flash is seen. Why? (2)
- Draw a labelled diagram of plant cell. (2)
- A trolley, while going down an inclined plane has an acceleration of 4 cm/s^2 . What will be its velocity 5 S after the start ? (2)

10. (a) Differentiate between simple tissue and permanent tissue.

(b) A truck has a mass of 1500 kg. What must be the force between the vehicle and the road if the vehicle is to be stopped with a negative acceleration of 1.7 m/s^2 ? (2×1.5=3)

11. (a) What is the specific function of the cardiac muscle ?

(b) Na^+ has completely filled K and L shells. Explain ? (2×1.5=3)



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VPO & TEH-FATEH PUR, DISTT-KANGRA (H.P.)
Ph.-01893-256396, 9882629303, 8628629303
E-mail id - hisfathehpur05@gmail.com

Entrance Test - 2019

Class - 10th

[Set - I]

Time- 2:00 hrs.

M.M.: 80

[Part-I (English)]

Note: Candidates are required to give their answers in their own words as far as practicable. Marks allotted to each question are indicated against it.

1. Read the passage given below and answer the questions that follow:

Examinations are both good and bad. They are good for those who work hard regularly. They are bad for those who do not work. Those who shirk work do not like the examination. This type of students try to pass the examination somehow or the other. Many a time, they depend upon copying. They also approach the authorities for it. No doubt, failure is bad but copying is still worse.

Answer the following questions:

- For whom are the examinations good ?
- For whom are the examinations bad ?
- What do the shirkers do to pass the examination ?
- Suggest a suitable title to the passage ?
- Find the words that mean:
 - at uniform intervals of time.
 - come nearer.

(5)

2. Write an article on 'Effects of TV' in about 60 words.

(5)

3. Do as directed:

(a) Sunder drinks water. (Change into Negative sentence)

(b) Sheela sold her book. (Change continuous tense)

(c) He (live) in Delhi. (Use correct form the verb)

(d) He is junior (than/to) me. (Fill in the blank)

(e) I come in Sir. (Use Modal to fill the blank)

(f) They will sing a song. (Change the voice)

(g) Speak the truth. (Change the voice)

- (h) He said to me, "Ram was playing football". (Change the Narration)
 (i) She said to me, "Do you know me?". (Change the Narration)
 (k) 'Favorite' (Correct the spellings)

(10)

प्र०1- निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखें:-

[भाग -2 (हिन्दी)] अधिकतम अंक : 20

जीवन रुकने का नहीं चलते रहने का नाम है। कुछ लोग असाफल्य की अवस्था में निराश होकर अपने उत्साह का दामन छोड़ बैठते हैं। वे भूल जाते हैं कि परिश्रम एवं प्रयत्न में तो भाग्य को बदल देने की भी क्षमता रहती है। आलसी बनकर रोना-धोना व्यर्थ है। मनुष्य इस संसार का सर्वश्रेष्ठ प्राणी है। अतः उसे अपना जीवन सार्थक बनाने के लिए आशा का सहारा लेना चाहिए। आलसी बनकर समय व्यर्थ बिताना अपने साथ अन्याय करना है। हमें अपने साधनों एवं क्षमताओं का प्रयोग कर प्रगति के पथ पर बढ़ना चाहिए। हमें गावात्माक कार्य की अपेक्षा रचनात्मक कार्य करना चाहिए। दुष्ट में घबराना कायरता का प्रतीक है। हर शाग सूरज ढलना ही है। रात को आना ही है। तो क्या अँधेरे में हाथ पर हाथ रखकर बैठे रह जाय या उठकर एक दीपक जला लें। सूर्य के समक्ष दीपक की क्या बिराता! पर एक दीपक भी पर्याप्त है एक घर को रोशन कर देने के लिए।

- क) जीवन क्या है ?
 खा) असाफल्य की स्थिति में, व्यक्ति का क्या कर्तव्य है ?
 ग) प्रगति के पथ पर अग्रसर होने के लिए क्या आवश्यक है ?
 घ) लेखक के अनुसार मावात्मक और रचनात्मक कार्यों में ज्यादा महत्वपूर्ण कार्य कौन सा है ?
 ङ) एक दीपक भी पर्याप्त है घर को रोशन करने के लिए-पणित से क्या अभिप्राय है ?

(10)

प्र०2- दिए गए संकेत बिन्दुओं के आधार पर निम्नलिखित विषयों में से किसी एक विषय पर 200 से 250 शब्दों में एक निबन्ध लिखिए-

क) विद्यार्थी और अनुशासन -

- 1) भूमिका
- 2) अनुशासन का अर्थ
- 3) शिक्षा
- 4) प्रकार
- 5) आवश्यकता
- 6) उपसंहार

ख) विज्ञान वरदान है या अभिशाप -

- 1) भूमिका
- 2) आविष्कार
- 3) वरदान
- 4) अभिशाप
- 5) दी पक्ष
- 4) उपसंहार

(10)

[Part-3 (Maths)]

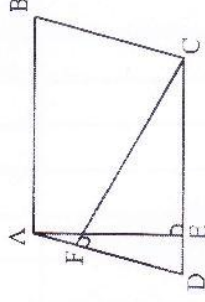
Note : All questions are compulsory.

Q.1 Do as directed

- a) Write the linear equation $4 - 3x = 0$ in the form of $ax + by + c = 0$ and indicate the values of a, b and c.
 b) Write the degree of polynomial $4 - y^2$.
 c) Sum of the angles of a quadrilateral is _____.
 d) $(x + a)(x + b) = \dots$ (4×1=4)

Q.2 Solve the following:

- a) Factorise $6x^2 + 5x - 6$.
 b) Find the volume of hemisphere whose radius is 14 cm.
 c) Evaluate using suitable identity (102).
 d) Write two solutions of $4x + 3y = 12$.
 e) In parallelogram ABCD, $AE \perp DC$ and $CF \perp AD$. If $AB = 16$ cm, $AE = 8$ cm and $CF = 10$ cm. Find AD



(5×2=10)


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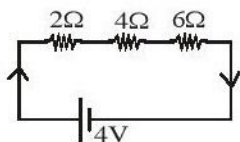
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Entrance Test - 2019
Class - 10+1 (Science)
[Set - I]

[Section - A (Physics)]

Time : 25 min.
Max. Marks - 15

1. State Ohm's law. [1]
2. Write S.I. unit of resistance. [1]
3. Write S.I. unit of power of lens. [1]
4. What is power? [1]
5. Define principal focus of concave mirror. [1]
6. How many electrons makes 10C of charge? [2]
7. Define reflection of light. State laws of reflection. [2]
8. How much work is done in moving a charge of 5C across two points having a potential difference of 10V? [2]
9. Find the total resistance in the following circuit :



[2]

10. Define magnification of a lens. What are the signs used for magnification in convex lens and concave lens? [2]

[Section - B (Chemistry)]**Time : 25 min.****Max. Marks - 15**

-
- How many valence electrons will Nitrogen have? [1]
 - Identify the compound with double bond:
 C_5H_8 ; C_4H_{10} ; C_2H_2 [1]
 - Balance the given equation :
 $Mg + HCl \rightarrow MgCl_2 + H_2$ [1]
 - What is chemical formula of Washing soda? [1]
 - Define oxidation. [1]
 - Write IUPAC name of following compounds :
 - $$\begin{array}{c}
 CH_3 - CH_2 - CH - CH_3 \\
 | \\
 Cl
 \end{array}$$
 - $CH_3 - CH_2 - CH - CH_3$ [2]
 - Write down electronic configuration of :
 - Aluminium (At. No = 13)
 - Calcium (At no = 20) [2]
 - Differentiate between reversible and irreversible reactions. [2]
 - What do you mean by catenation? Give one example. [2]
 - What is homologous series? Write first two members of Aldehyde series.

[Section - C (Biology)]**Time : 30 min.****Max. Marks - 20**

-
- Define variations. [1]
 - What are Analogous organs? [1]
 - What is the basic and functional unit of Nervous system? [1]
 - Which intestine is the complete site of digestion and absorption of food? [1]
 - Which of the following organelle is called 'Kitchen of the cell'? [1]
 - What is meant by Double circulation? [1]
 - Write two differences between blood and lymph. [2]
 - How are alveoli designed to maximize the exchange of gases? [2]
 - What is the difference between Xylem and Phloem? [2]
 - Explain how the sex determination in human beings occur? [2]
 - Draw well labelled diagram of Heart.
- OR
- Draw well labelled diagram of kidney. [3]
- Write three difference between Arteries and veins? [3]


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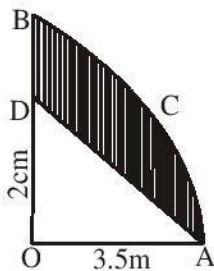
Entrance Test - 2019
Class - 10+1 (Maths)
Time : 30 min.
[Set - I]
Max. Marks : 20
[Section - A]

- Determine the nature of roots of $x^2 + x + 1 = 0$.
- Which term of the A.P. 84, 80, 76, ----- is 0.
- Find the distance between the points $(-6, 7)$ and $(-1, -5)$.
- If PT is a tangent at T to a circle whose centre is O and $OP = 17\text{cm}$, $OT=8\text{cm}$.
Find PT.

[4×2=8]

[Section - B]

- Find the are of shaded part.



- Metallic sphere of radii 6cm, 8cm and 10cm respectively are melted to form a single solid sphere. Find the diameter of the resulting sphere.
- What is the probability that a number selected from the numbers 1, 2, 3, -----,15 is a multiple of 4?

[3×4=12]

4. Fill in the blanks with the correct options from those given below :-

(a) I commenced work _____ 1st May.

- i) since ii) from iii) for

(b) The child has been missing _____ yesterday.

- i) since ii) from iii) for

(c) I saw him felling a big tree _____ a hatchet.

- i) by ii) with iii) off [3×1=3]

5. Look at the words and phrases given below. Rearrange them to form meaningful sentences.

i) one of / friends / at best / our / good / is / book

ii) most / companions / patient / of / it / cheerful / and / is / the / one [2×1=2]

6. Change the narration of the following sentences :-

i) Rama said, "I am very busy now".

ii) I say, "I am an honest man". [2×1=2]

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Ph -01893-256396, 9882629303, 8628829303

E-mail id - hisfatehpur05@gmail.com

Entrance Test - 2019
Class - 10+1 (English)

Time : 30 min.**[Set - 1]****Max. Marks : 20****1. Read the following passage below and answer the questions that follow:-**

1. An escalating epidemic of overweight and obesity is affecting many countries in the world: more than 300 million people are overweight or obese. Obesity could be reason specific. In India, some people tend to be overweight because of their high calories diet and lack of physical activities. In the United States, obesity is more prevalent in lower economic groups. Obesity is now well recognized as a disease in its own right. Though obesity commonly means very overweight, it is defined as an excess amount of body weight that includes muscles, bone, fat and water. 'Obesity' specifically refers to an excess amount of body fat. Some people, such as body builders or other athletes with a lot of muscle, can be overweight without being obese.

2. A certain amount of body fat is needed for stored energy, heat insulation, shock absorption and other functions. Generally, women have more body fat than men. Usually men with more than 25% body fat and women with more than 30% body fat are regarded as obese. Obesity tends to run in families, suggesting a genetic cause. Environmental factors mean lifestyle behaviours such as what a person eats and his or her level of physical activity. Although you cannot change your

genetic make-up, you can change your eating habits and levels of activity. You can learn how to choose more nutritional meals which are low in fat, and become more active.

3. Then there are the psychological factors, Negative emotions such as boredom, sadness or anger, respond to people who overeat. There is also 'binge eating' when people eat large amounts of food thinking that they cannot control how much they are eating. Those with the most severe binge eating problems are also likely to have symptoms of depression and low self-esteem. These people may have more difficulty in losing weight and keeping it off than people without binge eating problems.

4. Obesity is more than a cosmetic problem; it is a health hazard. Several serious medical conditions have been linked to obesity, including type-2 diabetes, heart disease, high blood pressure and stroke. Obesity is also linked to higher rates of certain types of cancer. Other diseases and health problems linked to obesity include gall bladder disease and gallstones, liver disease, osteoarthritis which leads to deterioration of joints, gout which also affect the joints and reproductive problems in women.

5. As the trend is to equate attractiveness with slimness, especially for women, obesity makes people feel unattractive. There are many methods of treatment but the benefits of exercise are much more than any other way of losing weight. Not only does exercise help you to lose weight but it also improves your fitness and

flexibility and improves skin texture. Exercises are also free from the harmful side effects of crash dieting, slimming capsules and the heat treatment used in slimming centres.

Answer the following questions:-

- (i) Obesity is defined as _____ .
- (ii) Men and women can be described as being obese when _____ .
- (iii) One can become more active by _____ . [3×1=3]

2. Using the following key-words, form a passage and also provide a suitable title for it.

- age — 40 years
- height/weight/appearance—6 ft/75 kg-fat, smart, good-looking
- education—M.A. (Mathematics) : Agra University, Agra
—B.Ed: M.D. University Rohtak
- experience—15 years
- duties—teaching mathematics, class teacher, organises Mathematics Olympiad
- why I like/dislike him—painstaking, thorough, explains in detail, solves our problem-easily available-patient listener-cheerful-friendly approach

[5]

3. Write a paragraph in about 80-100 words on any one of the following :-

- i) Computer Boon or Bane
- ii) Save Trees Save Life
- iii) Pollution

[5]


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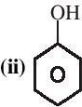
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 Ph -01893-256396, 9882629303, 8628829303
 E-mail.id - hisfatehpur05@gmail.com

Entrance Test - 2019
Class - 10+2 (Chemistry)
[Set - I]

Time : 30 min.**Max. Marks - 20**

- An atomic orbital has $n = 4$. Write all possible values of Azimuthal and magnetic quantum numbers? [1]
- Write the general electronic configuration of s-block elements. [1]
- What are isoelectronic species? [1]
- Write the bond angle and geometry of NH_3 molecule. [1]
- Write the I.U.P.A.C. name of the given organic compound

$$\text{CH}_3 - \text{CH}_2 - \underset{\text{Cl}}{\text{CH}} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2\text{OH}$$
 [1]
- What are the hybridisation state of each carbon atom in the following compounds?
 (a) $\text{CH}_3 - \text{CH}_2 - \text{CN}$ (b) $\text{CH}_3 - \text{CH} = \text{CH}_2$ [1]
- Draw the resonating structures of the following organic compound.
 (i)  (ii)  [1]
- Convert Acetylene to Benzene. [1]
- Out of Na^+ and Na which is having larger atomic size and why? [1]
- What is Heisenberg's uncertainty Principle. [1]

- Draw the Molecular orbital diagram of N_2 molecule. Calculate its bond order and magnetic character. [2]
- What is Markownikoff's rule? Explain with the help of suitable example. [2]
- Explain the following name reactions :
 (i) Wurtz's reaction (ii) Friedal Craft's alkylation. [2]
- Explain the geometry of ammonia with the help of VSEPR Theory. [2]
- Yellow light emitted from a sodium lamp has a wavelength (λ) of 580nm. Calculate the frequency and wave number of this light. [2]

**Entrance Test - 2019**
Class - 10+2 (Maths)

Time : 30 min.

[Set - I]

Max. Marks : 20

[Section - A]1. What is the imaginary part of $Z = 2 + i3$.2. Evaluate $\lim_{x \rightarrow 0} \frac{\sin ax}{\sin bx}$.3. Find the value of $\frac{{}^{15}C_{12}}{{}^{15}C_{11}}$.4. Find the derivative of $\sin x \cos x$ w.r.t.x. [4×2=8]**[Section - B]**5. Expand $(2x-3)^6$ using Binomial Theorem.6. Find the modulus of $\frac{1+2i}{1-3i}$.7. Find the value of $\sin \frac{31\pi}{3}$.8. Solve $\operatorname{Cosec} x = -2$. [4×3=12]**Entrance Test - 2019**
Class - 10+2 (Biology)

Time : 30 min.

[Set - I]

Max. Marks : 20

1. What is Taxonomy? [1]
2. What are Lichens? [1]
3. What is the reserve food material present in 'Brown algae'? [1]
4. Which organelle is known as 'Kitchen of the cell'? [1]
5. Define Isogamous condition of gametes? [1]
6. What is meant by Ligament? [1]
7. What is osmosis? [1]
8. What are True fruits? [1]
9. Define Glomerular filtration rate? [1]
10. Which Hormone is called 'Flight and fight Hormone'? [1]
11. Why our Heart is called 'Myogenic Heart'? [2]
12. Draw the diagram of Neuron? [2]
13. Define term : (1) species (2) Order [2]
14. Explain how peptide bond is formed? [2]
15. Why is mitosis called equational division? [2]

**HIMALAYAN INTERNATIONAL SCHOOL**

Affiliated to CBSE-630208

VPO & TEH-FATEH PUR, DISTT-KANGRA (H.P.)

Ph.-01893-256396, 9882629303, 8628829303

E-mail.id - hisfatehpur05@gmail.com

Entrance Test - 2019
Class - 10+2 (Physics)**Time : 30 min.****[Set - I]****Max. Marks : 20**

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1. Write the dimensional formula of Energy. [1]
 2. Plot position-time graph for positive acceleration. [1]
 3. Define coplaner vectors. [1]
 4. What is meant by position vector. [1]
 5. Why does a gun recoil back when it is being fired? [1]
 6. What is meant by angle of friction? [1]
 7. Define elastic collision. [1]
 8. State Hooke's law. [1]
 9. Define terminal velocity. [1]
 10. What is adiabatic process? [1]
 11. What is meant by periodic motion. [2]
 12. State work energy Theorem. [2]
 13. What is Doppler effect. [2]
 14. Define angle of contact. On what factors it depends? [2]
 15. If a car at rest accelerates uniformly to a speed of 144 km/h in 20s. What is the distance covered it? [2]



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VPO & TEH-FATEH PUR, DISTT-KANGRA (H.P.)
Ph. -01893-256396, 9882629003, 8628829303
E-mail id - hisfatehpur05@gmail.com

Entrance Test - 2019
Class - 10+2 (English)

Time : 30 min.

[Set - I]

Max. Marks : 20

1. Read the following passage and answer the questions that follow:-

1. Right at the beginning of the 21st century we don't need decrees of the kind issued by the Mexican leader to get lost in the world of books, periodicals and newspaper, despite the all-consuming and all-encompassing march of radio, cinema, the TV and the Internet. Habits die hard and those oldsters and youngsters who want to see the world beyond the idiot box and the monitor refuse to be blown off the spell cast by the electronic age. The TV and the Internet can never replace the printed word, though they are great in themselves. You should have read Mahabharata and Ramayana much before you saw the classics on the small screen. Your interest in reading the epics once more is whetted after the TV adaptation of the classics. The same thing could be said about Shakespearean classics : your reaction to the immortal characters like 'Macbeth', 'King Lear', 'Julius Caesar' and the like appearing on the large of small screens could be momentary, but dramatic personae portrayed by the playwright in his books leave an ever lasting impression on impressionable minds. People who are serious about life - and this may include housewives, professionals, students, avid readers of fiction, and non-fiction, journals, newspapers, find that the electronic media could only supplement what the printed word provides.

- b) Can TV and the internet replace the printed word?
- c) What is the feeling of the people who are serious about life?
- d) What is a matter of pride for India?
- e) What is the attitude of the educated class in India towards the habit of reading?

2. Find words from the above passage which convey similar meanings as the following:

- a) an official order (para 1)
- b) enter with adverse effect (para 2)
- c) huge (para 4) [3]

Q,2 Write a paragraph on any of the following topics :

- a) Evils of smoking
- b) Population Explosion
- c) Rise in prices of essential commodities [10]

2. In just two decades almost every home in India has changed with hundreds of TV channels intruding into your time schedule and the young and old surfing on the net. The population of citizens has increased ; so too the population of the reading public. Lakhs of people may sit glued to tele-serials in different languages, but there is no end to the huge crowds converging on book fairs, organised from time to time in metros like Delhi, Kolkata, Mumbai, Chennai, Bangalore, Hyderabad and smaller cities like Kochi and Thiruvananthapuram. Children who are avid watches of Pogo and cartoon network are fond of boasting that they have all the series on Harry Potter. The book has been translated in different languages and has caught the imagination of children the world over. Despite the advent of visual media on an unprecedented scale, children are still interested in the fabulous past brought alive by innovation publishers who bring to children's homes illustrated small magazines on our epics, the Panchtantra and hundreds of other Indian and world classics. "Today, somewhere in the world a new book is published every 30 seconds," says Mr. Caroline Michel, publisher of Harper Press.
3. We in India can be truly proud of the fact that we are among the top publishers in the world. There are about 16,000 publishers in the country, producing around 70,000 titles. The annual turnover of the industry is estimated at Rs. 700 crore. A good 40 percent of the titles are in English, making India the largest producer of books in the English language after made India the guest of honour in the Frankfurt International Book Fair in October, 2006.
4. There is nothing called an unmitigated evil and the long period of British colonialism threw open the floodgates of opportunity for Indians to learn English and today

we stand to gain on the world forum as the largest professional manpower equipped with the knowledge of an International language - English. Books in English are seen all over India and there has been a mushroom growth of publishers and the Oxford University Press in 1912. Today the mammoth publishing world is led by the largest concentration of publishing units in Delhi. Today, both Indian and foreign publishers compete and collaborate in the Indian market. "Indeed, publishing has not changed as much in the last 200 years, as it has in the last 20 years ; it has become more globalised and integrated." Thanks to a sound printing and publishing infrastructure, publishing business is outsourced in order to reduce costs. This apart, there is number of collaborative and joint ventures in publishing. With the quality of our printing technology second to none, India has emerged as a global player in publishing.

5. The educated class in India is not satisfied with being members of a good library ; they are eager to have their own collection of books in English and in their mother tongue. They develop the habit of buying books from book depots or book fairs or by becoming members of book clubs started by different magazines. Their fascination for TV; movies and the Internet never dims their fascination for books.

Questions :-

- a) 1. On the basis of our reading of the passage, answer the questions given below in your own language. Answer the questions in one or two sentences only.
- a) What, according to the writer, is the impact of the electronic age on the oldsters and youngsters?