ATOMIC ENERGY EDUCATION SOCIETY, ANUSHAKTINAGAR, MUMBAI
TERM- 2, EXAMINATION- 2017-2018

CLASS- VIII   **TIME- 3Hrs**
SUB- ENGLISH   **MAX MARKS- 80**

General Instructions:

   (i) The question paper is divided into four sections A, B, C, and D

   Section A: Reading:-   **20 Marks**
   Section B: Writing:-   **20 Marks**
   Section C: Grammar:-   **15 Marks**
   Section D: Literature:-   **25 Marks**

   (ii) All questions are compulsory.

Section- A (Reading) 20 Marks

Q.1. Read the following passage carefully: (5 marks)

A very poor peasant bought a plot of land from a farmer who owned vast tracts of agricultural land. His wife became very happy. At last, they had a patch of land to call their own. The poor peasant toiled from morning to night in the hope of reaping a good harvest. But the rains were delayed and all his hopes were dashed as the crops dried up. The farmer was very sad but did not lose hope.

He again toiled hard for the next harvest. One day, while he was ploughing the fields, he came upon an iron box buried deep in the ground. When he opened it, he was astonished to discover that it was filled with precious gemstones and coins made of silver and gold. He ran home and showed the treasure to his wife. The wife immediately started making plans on how they would spend the treasure.

 On the basis of your reading of the passage, answer the following questions.

a) From whom did the poor peasant buy the plot of land?   **(1 Mark)**
b) Why did the crops fail?   **(1 Mark)**
c) Why did the peasant toil in his land?   **(1 Mark)**
d) What did the peasant find one day while ploughing the land? Why was he astonished?

                                                                                                                                (2 Marks)

Q.2. Read the following poem carefully and answer the questions that follow. (5 marks)

Elegy Written in a Country Churchyard

The darkness tolls bell of parting day,
The lowing herd winds slowly o'er the meadow,
The ploughman homeward walks slowly his weary way,
And leaves the world to darkness and to me.
Now fades glimmering landscape on the sight,
And all the air a solemn stillness holds,
Save where the beetle wheels his drowning flight,
And drowsy tinklings lull the distant folds;
Save that from yonder ivy-mantled tower
The distressed owl does to the moon complain
Of such, wandering the secret bower,
Molest her ancient solitary reign.

   i) For what does the evening bell ring? (1mark)
   ii) How does the farmer return home? (1 mark)
   iii) What does the air hold? (1mark)
   iv) To whom does the owl complain? (1 mark)
   v) Find the word in the poem which means '**shining**'. (1 mark)

3. Read the passage given below.

Getting a good night's sleep can help you cope with stress more effectively. But not getting enough sleep can cause more stress. Insomniacs have higher concentrations of stress hormones than others.

Women are prone to sleep disturbances. Their sleep problems frequently interfere with their daily activities.
Experts believe that sleep, especially deep sleep, enables our nervous system to function well. Without it, we lose our ability to concentrate, remember or analyse. Some experts speculate that during deep sleep, cells manufacture more proteins, which are essential for cell growth and repair of damage from things like stress and ultraviolet rays.
Scientists believe that activity in the area of the brain that controls emotions and social interactions lessens during sleep and that deep sleep may help people be emotionally and socially adept when awake.

Sleep may also help our brain to store a newly learned activity in its memory bank. In a study in Canada, students deprived of sleep after learning a complex logic game showed a 30 percent learning deficit when tested a week later compared with students not deprived of sleep.

Q.3.A. On the basis of your reading of the above passage, answer the following questions by choosing the correct option. **(5x1=5marks)**

a) A good night's sleep can help you……………..
i) in building muscles   ii) in getting peace
iii) in relaxation   iv) in easing mental and physical pressure

b) Women are prone to…………………………….
i) sleep more   ii) sleep less
iii) sleep disturbances   iv) sleep late at night

c) A deep sleep tones up…………………………..
i) our digestive system   ii) our nervous system
iii) our respiratory system   iv) our muscular system

d) Students deprived of good sleep………………………….
i) develop insomnia   ii) develop fatigue
iii) develop learning deficit   iv) develop learning power

e) The word 'deprived' in the means the same as_____
i) blessed   ii) denied   iii) cursed   iv) neglected

3. B. Answer the following questions. **(5x1=5 marks)**
a) What is the consequence of sleep problems faced by women?
b) According to experts what will happen to us without deep sleep?
c) What is the benefit of deep sleep as speculated by some experts?
d) Find the word in the passage which means 'those who don't enjoy sleep'.
e) Find the word in the passage which means **opposite** to 'incompetent'. (para-2)

SECTION- B (WRITING) 20 MARKS

Q.4. You are Akshaya/ Ankit, the School Captain of your school. Write a notice in not more than 50 words, informing all the class monitors from classes VI to X about a meeting regarding their daily duties. Provide all the necessary details. **(5 marks)**

Q.5. Write **an application** in about 80-100 words for a week's leave to the principal of your school as you are unable to attend the school because of viral fever. **(7 Marks)**

Q.6. On the basis of given hints write a **story** in your own words (in about 200 words) and give a suitable title. **(8 Marks)**

A crow carrying a piece of meat …………a fox noticed……….fox made a plan……..flatters the crow…………requested the crow to sing………….the crow overjoyed……….the crow began to sing…………the piece of meat fell down…………….the fox picked it up…………the crow regretted his foolishness………… moral of the story…..

SECTION- C (GRAMMAR) 15 MARKS

Q.7. The following passage has not been edited. There is a word missing in each line. Write the missing word along with the word which comes before it and the one that comes after as shown in the example.

$$\left(\frac{1}{2} \times 6 = 3 \textbf{ marks}\right)$$

		Before	**Word**	**After**
Plants derive their food both the earth	e.g.	both	from	the
And the air. If you minutely look their	(a)	………	….......	….........
roots, you find that the ends of their	(b)	………..	…………	..…….....
roots like fine fibers. We call them root –hairs.	(c)	………..	……….….	…..….…
They also absorb water minerals and	(d)	..………	………..	…………
transport upwards to the leaves through	(e)	....	....	....
the trunk the branches.	(f)	....	....	....

Q. 8. Read the conversation below and complete the passage that follows.   **(1x3=3 marks)**
Neela: Hi! Suresh, How are you?
Suresh: Life's rather tough. I need a job.
Neela: What kind of a job are you interested in?
Suresh: I am interested in administrative accounts.
Neela: Would you mind going abroad?

Neela on meeting Suresh asked him how he was. Suresh replied that he was on the lookout for a job. Neela (a) _____. Suresh told her that (b) _____. She further enquired (c) _____ .

Q.9. Do as Directed: **(7x1=7 marks)**
a) Just ……… (few / a few / the few) persons were present there. (Use the suitable option)
b) Hard work and …………… (Persist) is the key to success. (Use the suitable form of the word given in bracket)
c) …………….. (Overwhelming) by gratitude, we bowed to the speaker for his valuable advice. (Use the correct form of the word given in bracket)
d) when I …….. (reach) home everybody ………… (go) to bed except the dog. (fill in the blanks with correct forms of the verbs given in the brackets)
e) I ……………… (will/would/have to) cut my hair every month. (Fill in the blanks appropriately)
f) The train was late…………….. 3 hours. (Use the correct preposition to fill up)
g) She said that she_____ _____ (have quarrel) with a boy. (Fill in the blanks using the correct form of the verbs in brackets)

Q.10. Use the following words/phrases/idioms in sentences of your own.   **(2x1=2 marks)**
a) Scruples   b) Put out

Section-D (Literature)- 25 marks

Q.11. Choose any one of the two extracts given below and answer the questions that follow. **(3x1=3 marks)**

How can the bird that is born for joy,

Sit in a cage and sing.

How can a child when fears annoy,

But droop his tender wing,

And forget his youthful spring.

    a. A bird is born for ………….. (1 mark)

    b. A bird cannot sing when ……………. (1 mark)

    c. A child ……………………………….. when annoyed by fears. (1 mark)

    OR

When I set out for Lyonnesse

A hundred miles away,

The rime was on the spray;

A starlight lit my lonesomeness.

    a. Lyonnesse was ………………… away from the poet's home. (1 mark)

    b. The weather was ……………… at the time of the poet's journey. (1 mark)

    c. …………………….. lit the poet's lonesomeness. (1 mark)

Q.12. Who said this and to whom? **(2x1=2 marks)**

a) "I find it amusing when people patronize me."

b) "If an old prophecy should come to pass we may see a man some time, with exactly such face as that."

Q.13. Answer **<u>any four</u>** of the following questions in about 30 words each. **(4x2=8 marks)**

a) What made the poet proclaim Ernest was the likeness of the Great Stone Face?

b) How does one mistake the shrill sound of a cricket to be a grasshopper's song?

c) Which two unwelcome visitors came to Mussoorie during the Monsoon? Why were they unwelcome?

d) Why does the writer refer to the guitar incident? Which idea does it support?

e) How does the duck want to pass his life? What request does the duck make to the kangaroo?

Q.14. Answer **<u>any four</u>** of the following questions in about 30 words each. **(4x2=8 marks)**

a) What was the result of the first fight between Suraj and Ranji?

b) What was the great tragedy that the girl Vera referred to?

c) What problem did the boy face after eating jalebis?

d) How was Duttada obsessed with his telescope?

e) Is Velu happy or unhappy to find work? Give a reason for your answer.

Q.15. Imagine that you are Jim. You have returned to your hometown after the war. Describe the situation how you feel about the changes you see and the events that occur in your town in the context of the lesson 'The Best Christmas Present in the World'.

OR

"I agree that there has been no major disaster; but there could have been some. Do you know how they were averted?" Indrani Debi said with quite confidence. In this regard imagine yourself as Duttada and describe your rational thinking against Indrani Debi's 'superstitious' belief **(1x4=4)**

कक्षा– आठवीं   समयः 3 घंटा

विषय–हिन्दी   पूर्णांक–80

निर्देष– 1. इस प्रष्न पत्र के चार खंड हैं– क, ख, ग, घ।

          2. चारों खंडों के प्रष्नों के उत्तर देना अनिवार्य है।

          3. अक्षरों की सुन्दरता और स्वच्छता पर ध्यान दें।

खंड 'क'

1- निम्नलिखित गद्यांष को पढ़कर नीचे दिए गए प्रष्नों के उत्तर दीजिए।

          संसार के किसी भी कोने में चले जाएँ सभी जगह रहने वाला मानव लगभग एक जैसे स्वभाव से भरा मिलता है। देष, काल तथा परिस्थितियों के अनुसार खान–पान, रहन–सहन में चाहे थोड़ा बहुत अन्तर नजर आता हो किंतु उनकी आवष्यकताएँ लगभग एक समान पाई जाती हैं। हिन्दू, मुसलमान, सिक्ख, यहूदी आदि सब मानव के स्वयं के बनाए हुए हैं। मूलतः सब एक ही भाँति खाते–पीते, सोते–जागते, हँसते–बोलते दिखाई देते हैं। इतना ही नहीं षारीरिक आकृति में भी विषेष अंतर नहीं दिख पड़ता। इसलिए किसी ने सच कहा है भगवान, खुदा, अल्लाह, वाहिगुरू सभी जगन्नियता षक्ति के विभिन्न नाम हैं तथा मानव मात्र उसके पुत्र एवं पुत्रियाँ है। इस प्रकार सारा विष्व एक परिवार की भांति है। यदि हम इसी भावना से केवल मानव धर्म को सर्वोपरि समझ कर रहें तो विष्व–षांति एवं सद्भाव बढ़ सकता है।

(क) विभिन्न धर्म तथा सम्प्रदाय किसने बनाए हैं?   1

(ख) ईष्वर के क्या–क्या नाम हैं?   1

(ग) संसार का मानव कैसे स्वभाव से भरा मिलता है?   1

(घ) 'संसार' का पर्यायवाची षब्द लिखिए।   1

(ङ) खान–पान, रीति–रिवाज आदि का अंतर क्यों है?   2

(च) धरती पर स्वर्ग कैसे बनाया जा सकता है?   2

(छ) विष्व एक परिवार की भाँति है, कैसे?   2

2- निम्नलिखित काव्यांष को पढ़कर प्रष्नों के उत्तर दीजिए–

          मैं मजदूर मुझे देवों की बस्ती से क्या–

          अगणित बार धरा पर मैंने स्वर्ग बनाए।

          अंबर पर जितने तारे, उतने वर्षो से,

मेरे पुरखों ने धरती का रूप सँवारा।
धरती को सुन्दरतम् करने की ममता में,
बिता चुका है, कई पीढ़ियाँ वंष हमारा।
और सभी आगे आने वाली सदियों में,
मेरे वंषज उद्धार करेंगे।
इस प्यारी धरती के हित मैं ही लाया था,
हिम गिरी चीर सुखद गंगा की निर्मल धारा।
मैंने रेगिस्तानों की रेती धो–धोकर,
बंध्या धरती पर भी स्वर्णिम पुष्प खिलाये
मैं मजदूर मुझे देवों की बस्ती से क्या?

(क) 'मैं' किसके लिए प्रयुक्त है?   1
(ख) मजदूर कितनी बार धरा पर स्वर्ग बनाए हैं?   1
(ग) धरती का उद्धार किनके द्वारा होगा?   1
(घ) धरती का रूप किसने सँवारा है?   1
(ङ) गंगा की धारा कैसी है?   2
(च) 'बंध्या धरती पर स्वर्णिम फूल खिलाए' का आषय स्पष्ट कीजिए।   2
(छ) गंगा किस पर्वत से निकली है? वह कैसी है?   2

खंड 'ख'

3- (क) दिल्ली, षहर, पर्वत, यमुना, जातिवाचक संज्ञा छाँटकर लिखिए।   1

   (ख) द्वंद्व समास के दो उदाहरण लिखिए।   1

   (ग) 'फल' षब्द से एक वाक्य बनाइए लेकिन फल दो बार आना चाहिए और षब्दों के अर्थ
   में बदलाव होना चाहिए।   1

   (घ) 'सूर्य' के दो पर्यायवाची षब्द लिखिए।   1

   (ङ) पानी परात को हाथ छुयो नहिं, नैनन के जल सो पग धोए। अलंकार बताइए। 1

4- (क) 'अनु', 'परि' उपसर्गों की सहायता से दो–दो षब्द बनाइए।   2

   (ख) 'कार' और 'ई' प्रत्यय से दो–दो षब्द बनाइए।   2

   (ग) मुलुक, खमा, मजूरी, ग्यान, इन षब्दों के खड़ी बोली रूप लिखिए।   2

   (घ) दिन, ष्वेत, षीत, हानि षब्दों के विलोम षब्द लिखिए।   2

5- दुम दबाकर भागना, चारों खाने चित्त होना मुहावरों का वाक्यों में प्रयोग कीजिए।   2

खंड 'ग'

6- निम्नलिखित गद्यांष को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

क्षीण चाँदनी में वृक्षों की छाया के नीचे वह बस बड़ी दयनीय लग रही थी। लगता जैसे कोई वृद्धा थककर बैठ गई हो। हमें ग्लानि हो रही थी, बेचारी पर लदकर हम चले आ रहे हैं। अगर इसका प्राणांत हो गया तो इस वियावान में हमें इसकी अंतेष्टि करनी पड़ेगी।

(क) लेखक और पाठ का नाम लिखिए।   1

(ख) चलते–चलते बस कहाँ खराब होकर रुक गई थी?   2

7- निम्नलिखित पद्यांष को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

सीस पगा न झँगा तन में, प्रभु जाने को आहि बसे केहि ग्रामा।
धोती फटी सी लटी दुपटी, अरु पाँय उपानह की नहीं सामा।।
द्वार खड़ों द्विज दुर्बल एक, रहयो चिकसों बसुधा अभिरामा।
पूछत दीनदयाल को धाम, बतावत आपनों नाम सुदामा।।

(क) कवि तथा कविता का नाम बताइए।   1

(ख) सुदामा किस हाल में श्रीकृष्ण के पास गए थे?   2

8- निम्नलिखित प्रश्नों में से किन्ही चार प्रश्नों के उत्तर दीजिए।   (4X2=8)

(क) मषीनी युग से बदलू के जीवन में क्या बदलाव आया?

(ख) दोषों का पर्दाफाष करना कब बुरा रूप ले सकता है?

(ग) ओस की बूँद क्रोध और घृणा से क्यों काँप उठी?

(घ) बिलवासी जी ने रुपयों का प्रबंध कहाँ से किया था?

(ङ) प्रारंभ में साईकिल आन्दोलन को चलाने में कौन–कौन सी बाधा आई?

(च) लेखक पेड़ों को दुष्मन क्यों समझ रहा था?

9- निम्नलिखित में किन्ही तीन प्रश्नों के उत्तर दीजिए।   (3X2=6)

(क) कबीर घास की निंदा करने से क्यों मना करते हैं?

(ख) श्री कृष्ण अपने चोटी के विषय में क्या सोच रहे थे?

(ग) चिड़िया चोंच में तिनका दबाकर उड़ने की तैयारी में क्यों हैं? वह तिनकों का क्या करती होगी?

(घ) मक्खन चुराते और खाते समय श्री कृष्ण थोड़ा–सा मक्खन क्यों बिखरा देते थे?

(ङ) सुदामा की दीन दषा देखकर श्री कृष्ण की क्या मनोदषा हुई?

10. निम्नलिखित प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए।   4
   (क) अवेस्ता की रचना कहाँ हुई थी?
   (ख) चाणक्य की प्रसिद्ध रचना का नाम बताइए।
   (ग) महमूद गजनवी कौन था?
   (घ) अकबर के प्रसिद्ध राजस्व मंत्री का नाम बताइए।
   (ङ) भारत में मुगल साम्राज्य की नींव किसने डाली?

11. निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर दीजिए।   (3X2=6)
   (क) मुख्य रूप से भारत की किन–किन पुस्तकों का अनुवाद अरबी में हुआ?
   (ख) महाराजा रणजीत सिंह का राज्य कैसा और कहाँ से कहाँ तक था?
   (ग) राजाराम मोहन राय के विषय में आप क्या जानते हैं?
   (घ) विवेकानंद ने पाप किसे कहा है?
   (ङ) अकबर का साम्राज्य मजबूत कैसे बना रहा?

<center>खंड 'घ'</center>

12. नगर की सफाई हेतु स्वास्थ्य अधिकारी को पत्र लिखिए।   5
<center>अथवा</center>
  परीक्षा में प्रथम आने पर मित्र को बधाई पत्र लिखिए।

13. निम्नलिखित में से किसी एक विषय पर लगभग 200 षब्दों में निबंध लिखिए।   10
   (क) अनुषासन का महत्त्व
   (ख) गणतंत्र दिवस
   (ग) होली
   (घ) कम्प्यूटर का महत्त्व

<center>_____</center>

ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI
TERM-II EXAMINATION, MARCH-2018

CLASS: VIII   TIME ALLOWED: 3 Hrs

SUBJECT: MATHEMATICS   MAXIMUM MARKS: 80

GENERAL INSTRUCTIONS

1. This paper consists of four sections.
2. Section A has 10 multiple choice questions and each question carries 1 mark.
3. Section B has 10 questions and each question carries 2 marks.
4. Section C has 10 questions and each question carries 3 marks.
5. Section D has 5 questions and each question carries 4 marks.

SECTION –A

1. The solution of the equation $2x - 3 = 11$ is:
   (a) 3   (b) 11   (c) 7   (d) 5
2. The number of diagonals in a regular hexagon:
   (a) 4   (b) 5   (c) 0   (d) 9
3. To construct a quadrilateral minimum no. of elements of quadrilateral that should be known are?
   (a) 10   (b) 8   (c) 5   (d) 3
4. The one's digit of the cube of 23 is:
   (a) 6   (b) 7   (c) 3   (d) 9
5. $(2^0 + 4^{-1}) \times 2^2$ is equal to:
   (a) 2   (b) 3   (c) 4   (d) 5
6. A machine in soft drink factory fills 600 bottles in 5hours. How many bottles will it will fill in 2hours:
   (a) 120   (b) 180   (c) 150   (d) 240
7. The factorisation of $49p^2 - 36$ is:
   (a) (7p+6) (7p-6)   (b) (6p+7) (6p-7)   (c) $(7p+6)^2$ (d) $(7p-6)^2$
8. The smallest number by which 100 is to be multiplied to make it a cube is
   (a) 0   (b) 1   (c) 100   (d) 10
9. The value of $x^2 - 2x + 1$ when $x = 1$ is:
   (a) 1   (b) 2   (c) -2   (d) 0
10. How many edges does a pyramid with square base have?
    (a) 6   (b) 4   (c) 8   (d)2

SECTION – B

11. Solve: $\dfrac{z}{z+15} = \dfrac{4}{9}$
12. How many sides does a regular polygon have each of its interior angles is 165^0?
13. Construct XY = 4.5cm & construct $\angle XYZ = 75^0$.
14. Find cube root of 91,125.
15. Meeta saves Rs.400 from her salary. If this is 10% of her salary, what is her salary?
16. Find $153^2 - 147^2$ using a suitable identity.
17. Find the side of a cube whose surface area is 600cm^2.

18. Evaluate: $(8^{-1} \times 5^{3}) \div 2^{-4}$

19. A train is moving with at a uniform speed of 75 km/hr. how far will it travel in 20 minutes?

20. Factorise: $3m^{2} + 9m + 6$

SECTION - C

21. Three numbers are in the ratio 1:2:3 and the sum of their cubes is 4500. Find the numbers.

22. *The* adjacent angles of parallelogram are $(2x-4)^{0}$ and $(3x-1)^{0}$: find the measures of all angles of the parallelogram.

23. Construct a rhombus whose diagonals are 5.2cm and 6.4cm long.

24. The ages of Ram and shyam are in the ratio 5:7. Four years from now ratio of their ages will be 3:4, find their present ages.

25. Arun bought a pair of skates at a sale where the discount given is 20%. If the amount he pays is Rs1600, find the marked price.

26. Simplify $3x(4x-5)+3$ and find its value for $x=3$.

27. Using Euler's formula , find the unknown:

Faces	X	5	20
Vertices	6	Y	12
Edges	12	9	Z

28. A milk tank is in the form of cylinder whose radius is 1.5m and length is 7m find the quantity of milk in litres that can be stored in the tank.

29. Plot the points A(1,1), B(3,3) C(5,5,) and D(7,7) on a graph paper and verify
    (i) if they lie on a line.
    (ii) if this line passes through origin.

30. If $31z5$ is a multiple of 9 where z is a digit, what is the value of z.

SECTION – D

31. Vashu invested Rs.60,000 at an interest rate of 12% per annum compounded half yearly. What amount would he get?
    (i) After 6 months   (ii) After 1 year

32. The lateral surface area of a hollow cylinder is 4224 cm^{2}. It is cut along its height and formed a rectangular sheet of width 33 cm. Find the perimeter of rectangular sheet.

33. Find the value of -

    (a) $(\frac{1}{2})^{-2} + (\frac{1}{3})^{-2} + (\frac{1}{4})^{-2}$

    (b) Find the value of $5^{m} \div 5^{-3} = 5^{5}$

34. In a hostel of 50 girls, there are food provisions for 40 days. If 30 more girls join the hostel, how long will these provision last ?

35. (a) Divide $(5p^{2} - 25p + 20) \div (p - 1)$

    (b) Factorise $(x^{2} - 2xy + y^{2}) - z^{2}$

ALL THE BEST

ATOMIC ENERGY EDUCATION SOCIETY

Term-II Examination, March - 2018

Class VIII **Marks: 80**

Sub: Science **Time: 3 Hrs**

INSTRUCTIONS:

1. This paper consists of five sections A, B, C, D and E.
2. Section A has 10 Multiple Choice Questions and each carries 1 mark
3. Section B has 11 questions and each carries 2 marks
4. Section C has 9 questions and each carries 3 marks.
5. Section D has 4 questions and each carries 4 marks.
6. Section E has 1 value based question and carries 5 marks.

Section -A (1 X10 =10 m)

1. The process of conversion of sugar into alcohol is called:-

a. Nitrogen fixation b. moulding c. fermentation d. infection

2. Which of the following can be beaten into thin sheets?

a. Zinc b. Phosphorus c. Sulphur d. Oxygen

3. Black gold is:-

a. Coal b. Petroleum c. Wood d. LPG

4. A tadpole develops into an adult frog by the process of :-

a. fertilization b. metamorphosis c. embedding d. budding

5. Insulin hormone is released by:-

a. Thyroid gland b. Pituitary gland c. pancreas d. liver

6. The correct expression for pressure is:-

a. F-A b. F/A c.FXA d. None of these

7. Friction depends on :-

a. nature of the surfaces in contacts   b. state of the material

c. time   d. none of these

8. 1 Hz is equal to ----

a. 1 vibration per minute   b. 10 vibration per minute

c. 60 vibration per minute   d. 600 vibrations per minute

9. LED stands for:-

a. Light Emitting Diodes   b. Light Effecting Device

c. Light Emitting Device   d. Light Emerging Diodes

10. Major earthquake occurred at Bhuj district of Gujarat in the year:-

a. 1999   b. 2000   c. 2001   d. 2002

<u>**Section -B**</u>   (2 X 11 =22 m)

11. Name the causal organisms for the following :-

    a. Dysentery   b. Typhoid

12. Name two metals that can be cut with knife.

13. Define fossil fuel. Write two examples.

14. Give two differences between a zygote and a foetus.

15. Why the human body undergoes several changes during adolescence?

16. Why the shoulder bags are provided with broad straps?

17. What do you mean by lubricants? Give two examples.

18. When we put our ear to a railway line, we can hear the sound of an approaching train even when the train is far off but its sound cannot be heard through the air. Why?

19. What is electroplating?

20. Write one difference between Richter scale and other scales like decibel.

21. Name two kinds of cells present in retina of our eye. Write their functions.

Section -C   (3 x 9 = 27m)

22. List the changes in the body that take place at puberty.

23. A blacksmith hammers a hot piece of iron while making a tool. How does the force due to hammering affect the piece of iron?

24. Give reasons:-

    a. Birds and fishes have special shapes.

    b. Friction is both a friend and a foe.

    c. It is difficult to walk on a soapy floor.

25. a. Name the unit in which loudness of sound is expressed.

    b. Why the voice of men, women and children are different?

    c. How does noise pollution harm us?

26. What will happen if we will be passing electricity through water? Design an activity to explain.

27. Explain why a charged body loses its charge if we touch it with our hands?

28. a) A night bird (owl) can see very well in the night but not during the day, while day light birds can see very well during the day but not in the night. Give reasons for your answer.

   b) Draw a labeled diagram showing how a plane mirror forms an image of a point object placed in front of it.

29. Expand the following:-

   a. GAP   b.WWF   c. CNG

30. Draw the following:-

   a. Ursa major and locate Pole star

   b. Orion and locate Sirius

Section -D   (4 X 4 = 16 m)

31.   a. What is fertilization? What are its types? Name them.

         b. Why do fishes and frogs lay eggs in hundreds whereas a hen lays only one egg at a time?

32.   Define:-

         a. Endocrine glands   b. Metamorphosis

         c. Thyroxin   d. Menopause

33.   Give reasons for the following:-

         a. Striking of matchsticks produces fire.

         b. More is the irregularity, more is the friction.

         c. Beautiful patterns can be seen inside a kaleidoscope.

         d. One should include vitamin A in diet.

34.   Why does the moon change its shapes every day? Draw the different phases of moon.

Section -E   (Value Based)   (5m)

35. Manisha with her friend has gone to school trip to Agra. She noticed discolouring of white marble of Taj Mahal. She was upset to see the disglorification of the historical monument. Then she asked her teacher for the reason. Teacher told her that it is because of Acid rain. Then Manisha decided to spread awareness about harmful effects of acid rain.

         a. What is Acid Rain?   1mark

         b. What changes in our daily life can prevent acid rain?   2marks

         c. Name the values depicted by Manisha.   2marks

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ATOMIC ENERGY EDUCATION SOCIETY
TERM- II EXAMINATION, March – 2018

Class: VIII   **Marks: 80**
Subject: Social Studies   **Time: 3 Hours**

Instructions:
1. This question paper consists of five sections A,B, C, D, and E.
2. Section A has 8 multiple choice questions (MCQs) and each caries 1 mark.
3. Section B, each question carries 2 marks. (30-40 words).
4. Section C, each question carries 3 marks. (50-60 words).
5. Section D, each question carries 4 marks. (80-90 words).
6. Section E, question carries 4 marks, for making the options on Map.
7. Attach map inside the answer script.

SECTION –A

I. Select the appropriate option from given options against the questions.   (8×1=8)

1. According to tribal people outsiders were known as _____.
     a) Middlemen   b) Violators   c) Dikus   d) None of these

2. What was the immediate cause of revolt done by Indian Sepoys in 1857?
     a) Use of canons   b) Use of new machines
     c) Use of fat coated cartridges   d) All of these

3. Who is the presiding officer of the Rajya Sabha?
     a) Vice- President   b) President   c) Prime Minister   d) Speaker

4. In the Court who represents the case on behalf of the state?
     a) Judge   b) Police   c) Witnesses   d) Public Prosecutor

5. When did Bhopal tragedy take place?
     a) 1982   b) 1983   c) 1984   d) 1985

6. _____ is often called the backbone of modern industry.
     a) Iron   b) Steel   c) Coal   d) All of these

7. Who strongly felt that Indian languages ought to be the medium of teaching?
     a) Mahatma Gandhi   b) Jawahar Lal Nehru
     c) Rabindranath Tagore   d) William Jones

8. Who published a book 'Stripurushtulna'?
     a) Ramabai   b) Swami Vivekananda
     c) Ram Mohan Roy   d) TarabaiShinde

SECTION- B

II. Answer any 9 questions of the following (9×2=18)

9. Name any two steps that government has taken to conserve plants and animals.
10. Write two reasons why Adivasis are becoming increasingly marginalized.
11. Mention four public facilities which are provided by the government.
12. What are the causes for uneven distribution of population in the world?
13. What do you understand by the word marginalization?
14. What was the role of the Planning Commission?
15. Who were the orientalists?
16. What was the demand of Rani Lakshami Bai of Jhansi that was refused by the British?
17. Write any two reasons for land degradation today.
18. What is meant by the term 'industry'?
19. What did the Muslim League resolution of 1940 ask for?
20. List two Fundamental Rights in the Constitution that dalits can draw upon to insist that they be treated with dignity and as equal.
21.What is Birth Rate and Death Rate?
22. What does Parliament consist of?

SECTION- C

III. Answer any 10 questions of the following (10×3=30)

23. What objections did the sepoys have to the new cartridges that they were asked to use?
24. What is the role of Defence Lawyer in criminal justice system?
25. Why did Mahatma Gandhi think that English education had enslaved Indians?
26. Write a note on the social ideas and works of Jyotirao Phule.
27. Why did the scroll painters and potters come to Kalighat? Why did they begin to paint new themes?
28. What economic impact did the First World War have on India?
29. Name three problems that the newly independent nation of India faced.
30. What did Dr. Ambedkar mean when he said that, "In politics we have equality, and in social and economic life we will have inequality?"
31. Why are people considered a resource?

32. The world population has grown very rapidly. Why?

33. Do you think that the distribution of public facilities in our country is adequate and fair?
    Give an example of your own to explain.

34. What are the advantages to foreign companies in setting up production in India?

35. What do we mean when we speak of law enforcement?
    Who is responsible for enforcement? Why is enforcement so important?

36. What were the different reasons, people, had for not sending girls to school?

37. How did the knowledge of ancient text help the reformers to promote new laws?

SECTION- D

IV. Answer any 5 of the following questions.   **(5×4=20)**

38. What problems did shifting cultivators face under the British Rule?

39. Why does a democratic country need a Constitution?

40. What are population pyramids? How do they help in understanding about the population of a country?

41. Why do you think there are so few cases of private water supply in the world?

42. How can laws ensure that markets work in a manner that is fair?
    Give two examples to support your answer.

43. Why did cotton textile industry rapidly expand in Mumbai?

44. Why do Adivasi activists, including C. K. Janu, believe that Adivasis can also use this 1989 Act to fight against dispossession? Is there anything specific in the provisions of the Act that allows her to believe this?

SECTION- E   **(4×1=4)**

45. On the given outline map of India locate and label the following:
    (a) First state to be formed on the basis of language
    (b) Chauri Chaura
    (c) The major hub of IT industry in India
    (d) Manchester of India

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