

PLACID VIDYA VIHAR SR. SEC. SCHOOL

CHETHIPUZHA

FORMATIVE ASSESSMENT 1 - 2016-17

STD: IX Time: 1 hr.

Max. Marks: 25

ENGLISH

SECTION – A (READING)

1. Read the following passage carefully. (5)

We give undue importance to our health and the treatment of diseases and not the root cause. In fact, the cause of many ‘chronic ailments’ is still being researched. It is here that Yoga therapy comes to our assistance. Yoga emphasises treatment of the root cause of an ailment. It works in a slow, subtle and miraculous manner. Modern medicine can save a life at critical stage, but for complete recovery and regaining of normal health, one must believe in the efficiency of Yoga therapy. The Yoga way of life includes a code of ethics, regulations and discipline combined with prayer and meditation. Even a discussion of these subjects helps one relieve mental tensions and change attitudes. Simple Asanas help to stretch and relax the whole body and neutralize tension. The sincere practice of Yoga postures benefits all levels of experience. Through continued practice, Yoga postures can have a profound effect on the inner dimensions of life, establishing deep concentration, emotional stability and confidence. Man is a physical, mental and spiritual being. Yoga helps to promote a balanced development of all the three. Other forms of physical exercises like aerobics, assure only physical well being. They have little to do with the development of the spiritual or astral body.

- 1.1. On the basis of your reading of the above passage, complete the following statements by choosing the most appropriate options from those given below.

- (a) Most of the medicines
- (i) treat only the symptoms
 - (ii) don't remove the root cause
 - (iii) both (i) and (ii) are incorrect
 - (iv) treat only the symptoms and not the root cause
- (b) The phrase ‘chronic ailments’ refers to disease
- (i) that affect our alimentary canal
 - (ii) that can't be remedial for ever
 - (iii) that occur persistently
 - (iv) None of these
- (c) Yoga is different from other treatments as
- (i) It removes the root cause of a disease
 - (ii) It removes only the symptoms of a disease
 - (iii) It saves lives at critical stages
 - (iv) It is slow and ineffective
- (d) Yogic way of life includes
- (i) discipline
 - (ii) prayer
 - (iii) meditation
 - (iv) all the above
- (e) The word ‘neutralise’ means
- (i) marginalise
 - (ii) to conquer
 - (iii) overtake
 - (iv) reduce the effect

SECTION – B (WRITING & GRAMMAR)

2. Complete the following story in about 100 – 120 words, providing an appropriate title to it. (5)

It was raining heavily, the street lights had gone off and I was returning.....

3. The following paragraph has not been edited. There is one word missing in each line. Write the missing word along with the word that comes before and the word that comes after in your answer sheet. The first one has been done as an example. (4)

	Before	Missing	After
Every year, many people visit templeeg.	visit	the	temple
town of Kanchipuram Tamil Nadu. (a)	_____	_____	_____
Pilgrims have going there in (b)	_____	_____	_____
large numbers many centuries (c)	_____	_____	_____
because they want see the splendid (d)	_____	_____	_____
architecture of the temples.			

4. Rearrange the following words/phrases to make meaningful sentences. (2)
- (a) vast space / a multitude of / about / wandering / stars / is/ in the
- (b) majority / a few / are / form groups / but the / solitary / of them

SECTION – C (LITERATURE & LONG READING TEXT)

5. Read the given extract and complete the following statements. (3)

I shall be telling this with a sigh
Somewhere ages and ages hence :
Two roads diverged in a wood, and I –
I took the one less travelled by,
And that has made all the difference.

- (a) The narrator was standing at the intersection of _____
- (b) The narrator felt sorry because _____
- (c) Finally the narrator decided to take the road _____
6. Answer the following questions. (30 – 40 words) (4)
- (a) What is the only difference between the brook and human being? Support it with an example from the poem.
- (b) Why was the grandmother in tears when the granddaughter returned from the neighbouring village?
7. How did Montmorency look like? Why did the narrator change his opinion about the dog? (2)

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BASIC SCIENCE

PHYSICS

Answer the Following.

1. A body moving with a velocity 2 m/s acquires a velocity of 10 m/s in 5 seconds. Find its acceleration. (1)
2. A ball gently dropped from a height of 20m. If its velocity increases uniformly at the rate of 10 m/s² with what velocity will it strike ground? After what time will it strike the ground? (2)
3. "Uniform circular motion is regarded as an accelerated motion"
Justify this statement? (2)
4. Derive the following equations of motion with the help of a graph.
a) Velocity –Time
b) Position –Time (3)

CHEMISTRY

Answer the Following.

1. List any two properties that liquids have in common with gases. [1]
2. How is heating of sugar different from heating of ammonium chloride? Explain your answer. [2]
3. a) Define latent heat of vaporisation.
b) On suffering from high fever, which will lower your body temperature more; ice or ice cold water? Why? [2]
4. 5 ml of water was taken in a test tube and open china dish separately. These samples were then kept under different conditions as given below:
a) Both the samples are kept under a fan
b) Both the samples are kept inside a cupboard. State in which case evaporation will be faster? Give reason to support your answer.
c) How will the rate of evaporation change if above activity is carried out on a rainy day. Justify your answer. [3]

BIOLOGY

1. Define cell theory. [1]
2. What are the advantages of composite fish culture? [1]
3. How do substances like CO₂ and water move into and out of the cell? [2]
4. What two factors bring about loss of food grains during storage?
Give one example of each. [2]
5. A poultry farmer wants to increase his broiler production. Explain three management practices he must follow to enhance the yield. [3]

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SOCIAL SCIENCE

General Instructions

- a) *There are 11 questions in all.*
- b) *Questions from serial number 1 to 5 are very short answer type questions of 1 mark each.*
- c) *Answers of 3 marks questions should not exceed 80 words each.*
- d) *Answer of 5 marks question should not exceed 120 words.*

Answer the following.

1. What is bhabar? 1
2. Define the term Non-Market activities. 1
3. Which is the most important and longest mountain range of Himachal Himalaya? 1
4. What are distributaries? 1
5. Which is the largest river in the Indian Desert? 1
6. Each Psysiographic region of India complements the other and makes the country rich in its natural resources. Support the answer with suitable examples. 3
7. Explain the role of health in human capital formation. 3
8. Highlight the differences between traditional and modern farming. 3
9. State any three reasons that show Palampur is a developed village. 3
10. In which hemisphere does India lie? Name the latitudinal and longitudinal extent of Indian Mainland. What is the latitude of Tropic of Cancer? 3
11. Describe the features of 'The Great Indian Desert'. 5

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MATHEMATICS

Section A

Questions 1-2 carry 1 mark each.

(2×1=2)

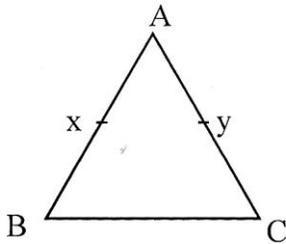
1. Find two irrational numbers between $\frac{5}{7}$ and $\frac{9}{11}$.
2. State Linear pair axiom.

Section B

Questions 3 - 5 carry 2 marks each.

(3×2=6)

3. In the figure given below, $AB = AC$ and $BX = CY$ show that $AX = AY$.



4. Using suitable identity, find the value of $(999)^3$
5. Find the zeroes of the polynomial $3x^2 + x - 2$.

Section C

Questions 6 - 8 carry 3 marks each.

(3×3=9)

6. If $a+b+c = 12$ and $a^2 + b^2 + c^2 = 90$, find the value of $a^3 + b^3 + c^3 - 3abc$

7. Find the values of a and b if $\frac{7+3\sqrt{5}}{3+\sqrt{5}} + \frac{7-3\sqrt{5}}{3-\sqrt{5}} = a + \sqrt{5}b$.

8. The polynomials $x^3 + 2x^2 - 5ax - 8$ and $x^3 + ax^2 - 12x - 11$ when divided by $(x-2)$ and $(x-3)$ respectively leave remainders p and q . If $q - p = 10$, find the value of a ?

Section D

Questions 9 & 10 carry 4 marks each.

(2×4=8)

9. Factorise : $2x^3 - 9x^2 + x + 12$
10. Factorise :
 - (i) $x^3 - 8y^3 - 27z^3 - 18xyz$
 - (ii) $a^3(b-c)^3 + b^3(c-a)^3 + c^3(a-b)^3$

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FORMATIVE ASSESSMENT 1 - 2016-7

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MALAYALAM

I. ശരിയായ ഉത്തരം തിരഞ്ഞെടുക്കുക.

(2)

1. 'ശക്തിയുടെ കവി' എന്ന വിശേഷണത്തിൽ അറിയപ്പെടുന്നതാര്? (വള്ളത്തോൾ, ഇടശ്ശേരി, കുമാരനാശാൻ)
2. "നാം വളർത്തി വലുതാക്കിയ ഈ പുതിയ തലമുറ നമ്മെ ഒട്ടും ഗൗനിക്കുന്നില്ല" - ആരുടേതാണീ വാക്കുകൾ? (രാമൻകുട്ടിനായർ, രാമവാര്യർ, ചെറുവരെ ശങ്കരൻകുട്ടി)
3. ഇടശ്ശേരി ഗോവിന്ദൻനായരുടെ 'കുട്ടുകൃഷി' എന്ന കൃതി ഏതു സാഹിത്യവിഭാഗത്തിൽ പെടുന്നു? (നാടകം, കവിത, നോവൽ)
4. "പിന്നീട് അദ്ദേഹം തീവ്രമായ് ആഗ്രഹിച്ചു; പക്ഷേ അവരുടുത്തുവന്നില്ല" - ആര്? (യോഗാഗങ്ങളർ, ഭാര്യ, മകനും മരുമകളും)

II. പര്യായപദം എഴുതുക.

(2)

1. പുജ
2. മാളിക

III. വിപരീതപദം എഴുതുക.

(1/2)

1. തിക്തം

IV. എതിർലിംഗം എഴുതുക.

(1/2)

1. ജാമാതാവ്

V. നാനാർത്ഥം എഴുതുക.

(2)

1. കിഴവൻ
2. പൊറുക്കുക

VI. അർത്ഥവ്യത്യാസം എഴുതുക.

(2)

1. നീരസം - നീരദം
2. മണ്ഡലം - മണ്ഡപം

VII. പിരിച്ചെഴുതി സന്ധി നിർണ്ണയിക്കുക.

(2)

1. ഹർമ്യത്തിന്റെ
2. ഇന്നോളം

VIII. വിഗ്രഹിച്ച് സമാസം നിർണ്ണയിക്കുക.

(2)

1. ചിന്താമഗ്നം
2. നീരസക്കര

IX. പ്രയോഗം മാറ്റുക.

(1)

1. രാമൻകുട്ടിനായർ യോഗാഗങ്ങളുടെ ശ്രദ്ധയെ ക്ഷണിച്ചു.

X. വാക്യത്തിൽ തെറ്റുണ്ടെങ്കിൽ തിരുത്തുക.

(1)

1. യോഗത്തിന് ആരംഭമുണ്ടെന്ന നിലയിൽ രാമൻകുട്ടിനായർ സംസാരിക്കുകയാണ്.

XI. അംഗാഗി വാക്യങ്ങൾ വേർതിരിച്ചെഴുതുക.

(1)

1. ഇതൊരു ദാർശനിക പ്രശ്നമാകയാൽ രണ്ടോമൂന്നോ പേരൊഴികെ മറ്റാരും ശ്രദ്ധ കാണിച്ചില്ല.

XII. ഉത്തരമെഴുതുക.

1. 'എഴുപതുകാരുടെ യോഗം' എന്ന കഥയിലെ അച്യുതൻ മാഷിന്റെ കുടുംബവൃത്താന്തം കഥാകൃത്ത് വിവിധ സൂചനകളിലൂടെ അവതരിപ്പിക്കുന്നതെങ്ങനെ? ഉദാഹരണസഹിതം വിശദമാക്കുക. (3)
2. "വഴിതെറ്റുന്നു വയസ്സാവുമ്പോൾ അങ്ങേവീട്ടിൽ കയറേ താണ്" - വൃദ്ധപിതാവ് ഇങ്ങനെ പറയാൻ കാരണമെന്ത്? കവിതയുടെ ഇതിവൃത്തത്തെ ആസ്പദമാക്കി വിശദീകരിക്കുക? (3)
3. ബിലേയുടെ കുട്ടിക്കാലത്തെ പറ്റി വിവരിക്കുക. (3)

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HINDI

- 1.(क)दो - दो पर्यायवाची शब्द लिखिए - (2)
जमाना, बरकत
- (ख) निम्नलिखित शब्दों का वर्ण-विच्छेद कीजिए - (2)
रुकावट, सृष्टि
- (ग) सङ्घ - में उचित स्थान पर अनुस्वार लगाकर मानक रूप लिखिए। - (1)
- (घ) बांट - में उचित स्थान पर अनुनासिक चिह्न का प्रयोग कर शब्द को दोबारा लिखिए। - (1)
- (ङ) फर्ज - में उचित स्थान पर नुक्ते का प्रयोग कीजिए। (1)
- (च) निम्न वाक्यांश की व्याख्या कीजिए - (1)
कोई चारा न होना
2. निम्नलिखित प्रश्नों के उत्तर लिखिए। (3×4=12)
- (क) लेखक ने बुढ़िया के दुःख का अंदाजा कैसे लगाया?
- (ख) गिल्लू किन अर्थों में परिचारिका की भूमिका निभा रहा था?
- (ग) लड़के को बचाने के लिए माँ ने क्या - क्या उपाय किए?
- (घ) लेखिका का ध्यान आकर्षित करने के लिए गिल्लू क्या करता था?
3. मित्र के कक्षा में प्रथम स्थान प्राप्त करने पर उसे बधाई - पत्र लिखिए। (5)