PLACID VIDYA VIHAR SR. SEC. SCHOOL
CHETHIPUZHA
FORMATIVE ASSESSMENT II - 2016-17

CLASS : VII   **BASIC SCIENCE**   Time : 1 hr.
Max. Marks : 25

Physics

Fill in the blanks. ½ mark each.   (4× ½ =2)

1. No medium is required for transfer of heat by the process of _____ .

2. Winds are generated due to _____ heating on the earth.

3. Air _____ on cooling.

4. Increased wind speed is accompanied by _____ air pressure.

Answer the following.

5. How woollen clothes keep us warm in winter?   (1)

6. Explain why hot air goes up?   (2)

7. Explain "sea breeze".   (3)

Chemistry

Fill in the blanks. ½ mark each.   (4× ½ =2)

1. The acid that is released when an ant bites is _____ .

2. Magnesium hydroxide is also known as _____ .

3. Hydrochloric acid + Sodium hydroxide $\rightarrow$ _____ + _____.

Answer the following.

4. Name the gases responsible for acid rain.   (1)

5. A farmer was unhappy because of his low crop yield. He discussed the problem with an agricultural scientist and realised that the soil of his field was either too acidic or too basic. What remedy would you suggest the farmer to neutralise the soil?   (2)

6. Explain the main differences between physical and chemical changes. Write examples for each change.   (3)

Biology

Fill in the blanks. ½ mark each.   (4× ½ =2)

1. Amoeba digests its food in the _____ .

2. Wool is obtained from the _____ of sheep.

3. The most common silk moth is _____ .

4. The climate of the north east is _____ .

Answer in a sentence. 1 mark each.   (2×1=2)

5. What are Villi?

6. Define the term 'Sericulture'.

Answer the following.

7. Name the type of carbohydrate that can be digested by ruminants but not by humans. Give the reason also. (2)

8. What do you mean by

   a) shearing

   b) scouring

   c) reeling the silk (3)

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FORMATIVE ASSESSMENT II - 2016-17

STD : VII   **ENGLISH**   Time : 1 hr.

Max. Marks : 25

Section – A (Reading) 5 Marks

1. Read the following paragraph carefully.

   In third-world countries such as Swaziland and Haiti, a $15 dollar invention is making a world of difference. Nokero, a company started by Brian Rants, sells lamps that do not require kerosene. These solar lamps have become a staple in countries in Africa and tent cities in Haiti, to provide light for reading and safety at night. Nokero has sold over 500,000 lamps in over 120 countries since it was first founded in 2010 and Rants thinks the demand for his product will only continue to increase. Most lamps found in third-world countries currently require kerosene to run, but kerosene causes indoor pollution and has been linked to fires that have caused over a million deaths. Instead of experiencing the effects of smoking 40 cigarettes a day from kerosene lamps, Rants thinks his solar lamps could be the answer for third-world countries. The Economist agrees, calling solar lights "the next big innovation for the world's poor".

   Nokero's solar lamps are higher in quality and less expensive than a lot of solar technology, making them a viable option for many people in third world countries. Rather than giving solar lamps to individuals in need, Nokero's mission is to make them affordable. Through research Rants has realized that individuals who buy a solar product take better care of it and value it more than if they had received it for free. Families who buy Nokero's solar lamps make up the cost in just a few months of not having to buy kerosene or pay for off-the-grid electricity. Some activists have gone after companies such as Nokero for selling products to the poor rather than simply giving them out for free. They argue that these companies unfairly profit off the poor. However, Rants disagrees. Families receive a product that is much higher in quality than what they might receive for free and feel a sense of ownership having purchased it for themselves.

1.1 On the basis of your reading, answer the following by choosing the right option from those given below.

   i) What is different about Nokero lamps?

      a) They don't use kerosene

      b) They are not given out for free.

      c) Its cost is very high.

   ii) How do solar lamps help in the third world countries?

      a) They keep out pollution

      b) They give them pride

      c) They give them light

   iii) Find the word in the passage that means capable of succeeding.

      a) staple

      b) viable

PTO

c) innovation

d) argue

iv) How do activists criticize Nokero?

    a) They think they are taking advantage of the poor

    b) They think lights are poor quality

    c) They thinks lights are bad for the environment

v) Why did the author write this article?

    a) To share about a company doing good for the poor.

    b) To criticise people in third world countries.

    c) To help the activists

Section – B (writing) 5 Marks

2. You have visited an inter-school science exhibition in Bangalore. Write an E-mail to your mother giving the details of the exhibition. (5 Marks)

Section – C (Grammar) 7 Marks

3. Correct the errors in the following sentences. (½ × 2 = 1)

    a) You has to apologise to avoid punishment.

    b) Raj and his friends is going to watch the movie.

4. Fill in the blanks with modals. (½ × 4 = 2)

    a) Sky is clear now, but it .... rain. (might / can)

    b) .... you open the door, please? (could / may)

    c) Children .... read in the library from five to seven in the evening. (could / may)

    d) You .... go wherever you like. (may / might)

5. Rewrite the following group of words into sentences as directed. (1 × 4 = 4)

    a) touching she a told story what. (Exclamatory sentence)

    b) anybody never talk with rudely. (Imperative sentence)

    c) I accept how can such a proposal. (interrogative sentence)

    d) drink to pond fit water not is (Assertive sentence)

Section – D (Literature) 8 marks

6. Write one word for the following. (½ × 4 = 2)

    a) A type of plant or animal that may soon disappear from the world –

    b) A mixture of snow and rain –

    c) To go to another place or part of the world –

    d) A chance to do something –

7. Answer the following questions.

    a) Who is the author of the poem "Don't Quit"? (1 mark)

    b) Why doesn't polar bear make his bed? (1 mark)

    c) What have we to do when we experience troubles in our life? (1 mark)

    d) Give three reasons for the drastic decrease in the number of leopards. (3 marks)

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FORMATIVE ASSESSMENT II - 2016-17

STD : VII   **HINDI**   Time : 1 hr.
Max. Marks : 25

I. शब्दार्थ लिखिए   1

   क. एहसान   ख. छंद

II. वाक्यांशों के लिए एक शब्द लिखिए   1

   क. जिस पर विश्वास किया जा सके

   ख. जो चीज़ें खरीदता है

III. विलोम शब्द लिखिए   1

   क. आयात   ख. उचित

IV. हिन्दी अक्षरों में लिखिए   1

   क. 19   ख. 27

V. दो-दो पर्यायवाची शब्द लिखिए   2

   क. इच्छा   ख. आकाश

VI. दो-दो अनेकार्थी शब्द लिखिए   2

   क. कनक   ख. घोड़ा

VII. 'वाला' प्रत्यय जोड़कर चार शब्द लिखिए   2

VIII. निम्नलिखित शब्द किन-किन शब्दों के योग से बना है।   2

   क. कठफ़ोड़ा   ख. घुड़सवार

IX. संधि विच्छेद कीजिए   2

   क. संयोग   ख. देवर्षि

X. संधि कीजिए   2

   क. निः + संकोच   ख. अति + अंत

XI. पूर्ण भूतकाल में बदलकर लिखिए   1

   क. मेरा भाई स्कूल गया।

XII. व्यंजन संधि के एक उदाहरण लिखिए   1

XIII. 'रमेश दिल्ली से आया है' - इस वाक्य में भूतकाल के कौन-सा भेद है?   1

XIV. निम्नलिखित प्रश्नों के उत्तर लिखिए

   क. मिठाईवाला अलग-अलग चीज़ें क्यों बेचता था?   1

   ख. 'ये कैसी इच्छा / मेरे मन में जगी?' - पहली कठपुतली ने स्वयं ऐसा क्यों कहा?   1

   ग. खिलौनेवाले के जाने पर बच्चों की क्या प्रतिक्रिया होती थी? 2

   घ. कठपुतली को अपने पाँवों पर खड़ी होने की इच्छा है, लेकिन वह क्यों नहीं खड़ी होती?

2

PLACID VIDYA VIHAR SR. SEC. SCHOOL
CHETHIPUZHA

FORMATIVE ASSESSMENT II - 2016-17

STD : VII   **MALAYALAM**   Time : 1 hr.
Max. Marks : 25

I. ബ്രായ്ക്കറ്റിൽ നിന്നും ശരിയായ ഉത്തരം തെരഞ്ഞെടുത്തെഴുതുക. (½×4=2)

1. താഴെ പറയുന്നവരിൽ പ്രാചീന കവിത്രയത്തിൽ പെടാത്ത കവി?

   (വള്ളത്തോൾ, കുഞ്ചൻനമ്പ്യാർ, ചെറുശ്ശേരി)

2. അദ്ദേഹത്തെപ്പറ്റി കേട്ടിട്ടുണ്ട്. അടിവരയിട്ട പദം ഏത് ശബ്ദവിഭാഗത്തിൽ പെടുന്നു?

   (വാചകം, ദ്യോതകം, വ്യാക്ഷേപകം)

3. 'വെള്ളപ്പൊക്കത്തിൽ' എന്ന പാഠഭാഗം ഏത് സാഹിത്യവിഭാഗത്തിൽ പെടുന്നു?

   (നോവൽ, ചെറുകഥ, ലേഖനം)

4. കുഞ്ചൻനമ്പ്യാരുടെ ജീവിതകാലഘട്ടം ഏത്?

   (16-ാം നൂറ്റാണ്ട്, 17-ാം നൂറ്റാണ്ട്, 18-ാം നൂറ്റാണ്ട്)

II. അർത്ഥം എഴുതുക.   (½×2=1)

1. സർവവിദിതം   2. സത്വരം

III. വിപരീതപദം എഴുതുക.   (½×2=1)

1. ഉത്തമ   2. പ്രഭാതം

IV. അർത്ഥവ്യത്യാസം എഴുതുക.   (½×4=2)

1. ഉലകം – ഉദകം   2. കുംഭം – കുംഭി

V. പിരിച്ചെഴുതുക.   (½×2=1)

1. നിത്യവുമങ്ങനെ   2. പൂരപ്പറത്തടിഞ്ഞു

VI. വിഗ്രഹിച്ചെഴുതുക.   (½×2=1)

1. ഹൃദയദ്രവീകരണം   2. അന്ധകാരഭീകരം

VII. രണ്ട് പര്യായപദം വീതം എഴുതുക.   (1×2=2)

1. ഭാര്യ   2. കാലം

VIII. നാനാർത്ഥം എഴുതുക.   (1×2=2)

1. ളണം   2. വർഷം

IX. വാക്യത്തിൽ പ്രയോഗിക്കുക.   (1)

   ആടിയുലയുക

X. ഒന്നോ രണ്ടോ വാക്യത്തിൽ ഉത്തരം എഴുതുക.   (2×3=6)

1. ലോകത്തോടന്ത്യയാത്ര പറയുമ്പോലെ മുറുമുറുത്തുകൊണ്ടു പുരപ്പുറ ത്തുകയറി – ആര്? അതിന്റെ മനോഗതങ്ങളെ കഥാകൃത്ത് എപ്രകാരം ചിത്രീകരിക്കുന്നു?

2. ''ഏത് ഭാഷക്കാരനും ഏതും ചൊവ്വാഗൃഹവാസിക്കും ആശയം മനസ്സിലാ
കും. അത്ര സർവവിദിതമായ ഭാഷ'' – സന്ദർഭമേത്? ആശയം വിശദീകരി
ക്കുക?

3. ''പൂതനയെന്നൊരു പെണ്ണിനെയും കൊല
ചെയ്തതു നിങ്ങൾ ധരിച്ചിട്ടില്ലേ'' – സൂചിതകഥ വ്യക്തമാക്കുക.

XI. പാഠപുസ്തകത്തിലേതുപോലെ പൂരിപ്പിക്കുക. (3)

''കൊച്ചുകളോട് ....

.... നടന്നവനല്ലേ?''

XII. ആശയം വിശദമാക്കുക. (3)

''ആയിരവർഷം കുഴലിലിരുന്നൊരു
നായുടെ വാലു വളഞ്ഞേ തീരൂ.''

PLACID VIDYA VIHAR SR. SEC. SCHOOL
CHETHIPUZHA
FORMATIVE ASSESSMENT II - 2016-17
MATHEMATICS

STD: VII
Time: 1 hr.
Max. Marks: 25

I. Questions 1-5 carry 1 mark each. (1×5=5)

1. Number of lines of symmetry for a scalene triangle is _____ .

2. $3 \div 2\dfrac{1}{3} =$ _____ .

3. The order of rotational symmetry of a Rhombus is _____ .

4. $8 \div (0.2) =$ _____ .

5. Write the place value of 2 in the following decimal number 78.162 _____ .

II. Questions 6-10 carry 2 marks each. (2×5=10)

6. Draw the lines of symmetry of a regular pentagon.

7. Arrange the following numbers in ascending order.

$$\dfrac{5}{6}, \dfrac{1}{2}, \dfrac{1}{4}$$

8. Lipika reads a book for 2 ¾ hours everyday. She reads the entire book in 7 days. How many hours in all were required by her to read the book?

9. Fill in the blanks.

Shape	Order of Rotation	Angle of Rotation
Square		
Equilateral Triangle		

10. Which is greater.

$$\dfrac{2}{7} \text{ of } \dfrac{3}{4} \text{ or } \dfrac{3}{5} \text{ of } \dfrac{5}{8}$$

III. Questions 11 & 12 carry 3 marks each.

11. Find

a) $4\dfrac{3}{7} \div 7$ b) $\dfrac{5}{6} \times 2\dfrac{3}{7}$ c) 11.2×0.15 (3)

12. Each side of a regular polygon is 2.5 cm in length. The perimeter of the polygon is 12.5 cm. How many sides does the polygon have? (3)

IV. Questions 13 carries 4 marks.

13. Find the area of a rectangular sheet of paper, which is $12\dfrac{2}{3}$ cm long and $7\dfrac{3}{4}$ cm broad. (4)

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FORMATIVE ASSESSMENT II - 2016-17

CLASS : VII   **SOCIAL SCIENCE**   Time : 1 hr.
Max. Marks : 25

General Instructions.

   a) *This question paper consists of 11 questions.*

   b) *Questions from serial number 1 to 5 should be answered in one or two sentences.*

   c) *Answers of 3 marks questions should not exceed 60 words each.*

   d) *Answer to the 5 marks question should not exceed 100 words.*

1. Define Earthquake. (1)

2. Amount of insolation decreases from equator towards poles. Give reasons. (1)

3. Explain - Living Standard. (1)

4. Write one reason that prompted Muhammad-bin-Tugluq to shift the capital to Daulatabad. (1)

5. What do you mean by Medical Tourists? (1)

6. Explain the importance of literary sources for the Sultanate period. Which other sources tell us about this period? (3)

7. Describe the composition of atmosphere. (3)

8. Give an account of the work of a river to form new landscapes. (3)

9. Why did Ala-ud-din Khalji introduce the market control policy? How did he enforce it? (3)

10. What are the two processes which continuously wear away the landscape? Explain them. (3)

11. Discuss the Costa Riccan approach on health. (5)