

PLACID VIDYA VIHAR SR. SEC. SCHOOL
CHETHIPUZHA

FORMATIVE ASSESSMENT 4 - 2015-16

STD: VII Time: 1 hr.

ENGLISH

Max. Marks: 25

Section A - Reading

1. Read the passage carefully and answer the questions that follow:- (5×1=5)

Facebook is an excellent networking platform. It has been redefining one of the most beautiful relationships in the world-FRIENDSHIP. How can one have 5000 friends? A recent research reveals that our brain cannot accept more than 150 friends.

For our elders, a friend was one whom you met once in a while, instantly remembered his/her birthday, and at least knew what he/she looked like. Now people have become friends with whom they have not even met. In today's world it is difficult to explain to the young ones that acquaintances are not friends and chatting or posting pictures on the site cannot guarantee a long time friend. When their Facebook friends are not there in their hour of need these youngsters will be heart - broken.

- 1.1 Now based on your reading answer the following questions by choosing from the options given below:-

I. Which relationship is redefined by Facebook?

- a) parents-children
- b) sister-brother
- c) friendship
- d) teacher-student

II. Who was a friend for our elders?

- a) whom you met once in while
- b) whom you meet everyday
- c) don't know what he looks like
- d) with whom you go on holiday

III. How are friends in Facebook according to the passage?

- a) dependable
- b) don't know what they look like
- c) not there in your hour of need
- d) all of the above

IV. How many friends can our brain accept?

- a) 200
- b) 50
- c) 150
- d) a million

V. Pick out a word in the passage which means 'sad'

Section B - Writing

2. You are Dev/Devika of Placid Vidya Vihar, Class VIII A. You have lost your geometry box. You may have left it in the Computer Lab in the 4th period. Write a notice to be put up on the school notice board. (5)

Section C - Grammar

3. Choose the correct adverb from the brackets and complete the sentences:- (1×½=4)
(angrily, immediately, greedily, usually, regularly, gently, proudly, slowly)
- It is good to exercise
 - Ruskin Bondwrites about life in the countryside.
 - The cars moved very..... because of the traffic block.
 - The manager..... asked the clerk to get out of his office.
 - Please meet the Principal
 - The beggar was very thankful and ate the food
 - The peacock strutted about
 - The mother rocked the cradle

Section D - Literature

4. Unscramble the letters given below to form meaningful words:- (½×4=2)
- t i e x r a c t o n
 - e t d n r e u
 - y s h e o n t
 - i g e r l s o u i
5. Answer the following:-
- Why is eight thirty in the morning a dreadful hour to see the dentist? (2)
 - Mohandas was like any other small town boy. Explain. (2)
 - When and why does the little boy admit that he doesn't have a tooth ache? (2)
 - What does Mohandas's experience in Alfred High School tell us about him? (3)

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BASIC SCIENCE

Physics

- I. Fill in the blanks with suitable answer. ($\frac{1}{2} \times 4 = 2$)
1. The safety device based on the heating effect of electric current is called a _____.
 2. An _____ is used to separate magnetic material from a junk.
 3. We must look for _____ mark on electrical appliances.
 4. _____ is a coil of wire which glows when electricity is supplied to a bulb.
- II. Answer the Following.
5. What is reflection? (1)
 6. On what factors does the heat produced in an element depend? (2)
 7. Explain the working of an electric bell. (3)

Chemistry

- I. Name the following. [$\frac{1}{2} \times 4 = 2$]
1. A chemical used to disinfect water.
 2. A pipeline for carrying sewage.
 3. Traditional way of collecting water.
 4. Dissolved and suspended impurities present in waste water.
- II. Answer the following.
5. Explain a water conservation method which help to recharge ground water. [1]
 6. Define the terms. [$1 \times 2 = 2$]
 - a) Drip irrigation.
 - b) Sewerage.
 7. What is Sewage? Explain why it is harmful to discharge untreated sewage into rivers or seas. [3]

Biology

- I. Name the following. ($\frac{1}{2} \times 4 = 2$)
1. Vascular tissue that transport water and minerals in plants.
 2. Production of new individuals from their parents.
 3. New plant grow from leaves.
 4. Female reproductive part of the flower.
- II. Answer the following. (1×3=3)
5. What is pollination?
 6. Explain vegetative propagation.
 7. What are unisexual flowers?
- III. Answer the following. (2×2=4)
8. Explain the main differences between asexual and sexual reproduction.
 9. Differentiate between self pollination and cross pollination.

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SOCIAL SCIENCE

General Instructions.

- a) *This question paper contains 11 questions.*
- b) *Questions from serial number 1 to 5 should answer in a word or sentence.*
- c) *Answers of 3 marks questions should not exceed 30 words.*
- d) *Answer of 5 marks question should not exceed 120 words.*

1. What do you mean by branding? (1)
2. Define weekly markets. (1)
3. Give reason - The prairies are known as the “granaries of the world”. (1)
4. Which are the major cities located on the river Ganga? (1)
5. How did vernacular languages emerge in North India? (1)
6. Write a short note on the philosophy of Saint Kabir. (3)
7. Explain how a chain of markets is formed? What purpose does it serve? (3)
8. Write in brief on market and equality. (3)
9. Write briefly about the ‘prairies’ and its climate. (3)
10. Write in brief about the rainforests of the Amazon basin. (3)
11. Discuss the teachings of the bhakti and sufi saints. (5)

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MATHEMATICS

I. Questions 1 - 5 carry 1 mark each.

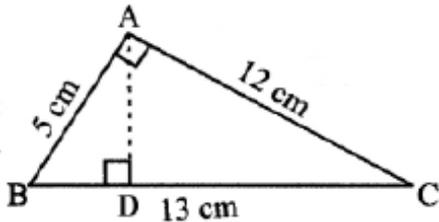
(1×5=5)

1. The ratio of 2 hours to 60 seconds is _____ .
2. Additive inverse of $\frac{-1}{7}$ is _____ .
3. Perimeter of a regular pentagon having side 'a' is _____ .
4. The interest on Rs. 300 invested at 8% per annum for 1 year is _____ .
5. $\frac{p}{q}$, is called a rational number if p and q are _____ and _____ .

II. Questions 6 - 10 carry 2 marks each.

(2×5=10)

6. Amina buys a book for Rs. 275 and sells it at a loss of 15%. How much does she sell it for?
7. Find the value of
 - a) $\left(\frac{36}{5}\right) \times \left(\frac{35}{-12}\right)$
 - b) $\left(\frac{3}{13}\right) \div \left(\frac{-4}{65}\right)$
8. Construct $\triangle PQR$: $PQ = 5$ cm, $m\angle PQR = 105^\circ$ and $m\angle QRP = 40^\circ$.
9.
 - a) Express $\frac{4}{5}$ as percent
 - b) Express 32% as fraction.
10. $\triangle ABC$ is right angled at A. AD is perpendicular to BC. If $AB = 5$ cm, $BC = 13$ cm and $AC = 12$ cm. Find the area of $\triangle ABC$. Also find the length of AD.



III. Questions 11 & 12 carry 3 marks each.

(3×2=6)

11. The perimeter of a rectangular sheet is 100 cm. If the length is 35 cm, find its breadth. Also find its area.
12. Find :
 - a) $-3\frac{1}{3} + 2\frac{4}{5}$
 - b) $-3\frac{1}{3} + 2\frac{4}{5}$

IV. Question 13 carries 4 marks.

(4×1=4)

13. Construct an isosceles right angled triangle ABC, where $m\angle ACB = 90^\circ$ and $AC = 6$ cm.

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MALAYALAM

- I. ബ്രായ്ക്കറ്റിൽ നിന്ന് ശരിയുത്തരം എടുത്തെഴുതുക. (½×4=2)
1. സഞ്ചാര സാഹിത്യകാരൻ എന്ന് അറിയപ്പെടുന്നതാര്?
 (ഒ.വി. വിജയൻ, എസ്.കെ. പൊറ്റെക്കാട്, എൻ. കൃഷ്ണപിള്ള)
 2. 'ഈ മന്നിൻ ദുസ്സഹദുഃഖം കണക്കെ മേലോട്ടു പൊങ്ങി' എന്താണ് മേലോട്ടു പൊങ്ങിയത്?
 (സംഗീതം, പൈങ്കിളി, ധൂമം)
 3. നാലഞ്ച് - സമാസമേത്? (ദന്ദൻ, തൽപുരുഷൻ, ബഹുവ്രീഹി)
 4. ഫ്രഞ്ചു നർത്തകികളെപ്പോലെ നൃത്തം ചവിട്ടി നടന്നതാര്? (ഗേസൽമാൻ, ഒട്ടകപ്പക്ഷി, വിൻഡെബീസ്റ്റ്)
- II. അർത്ഥം എഴുതുക. (½×2=1)
1. ആതപം
 2. കൊറ്റ്
- III. വിപരീതപദം എഴുതുക. (½×2=1)
1. നേട്ടം
 2. പുരാതനം
- IV. ചേർത്തെഴുതുക. (½×2=1)
1. വിപുലം + ആയ
 2. യാതൊന്നും + ഓമൽ
- V. ശരിയായ പദം എഴുതുക. (½×2=1)
1. വിഖ്യാതം - വിഖ്യാധം
 2. അവശിഷ്ടം -അവശിഷ്ടം
- VI. അർത്ഥ വ്യത്യാസം എഴുതുക. (1)
- നാഗം - നാകം
- VII. നാനാർത്ഥം എഴുതുക. (1)
- ഫലം
- VIII. വിഗ്രഹിച്ചെഴുതുക. (½×2=1)
1. വാനവർനാട്
 2. ചന്ദനക്കുറി
- IX. എതിർലിംഗം എഴുതുക. (½×2=1)
1. അനുജത്തി
 2. രാജ്ഞി
- X. പര്യായപദം എഴുതുക. (1×2=2)
1. മണ്ണ്
 2. കഴുത്ത്
- XI. പദം പിരിച്ച് സന്ധി നിർണ്ണയിക്കുക. (1×2=2)
1. പൊതിഞ്ഞൊരു
 2. പുളളിക്കുപ്പായം
- XII. വാക്യത്തിൽ പ്രയോഗിക്കുക. (1)
- വിചിത്രം
- XIII. ഉത്തരം എഴുതുക.
1. തൽപ്പുരുഷ സമാസം, ബഹുവ്രീഹി സമാസം ഇവ എന്തെന്നു വിവരിച്ച് ഓരോ ഉദാഹരണം എഴുതുക. (1½)
 2. മണൽ സ്മരണകൾ എന്നതുകൊണ്ട് ലേഖകൻ ഉദ്ദേശിക്കുന്നതെന്ത്? (1½)
 3. കാബൂൾക്കാരി എന്ന കവിതയിൽ പൈങ്കിളി പാടുന്നതെന്ത്? (2)
 4. 'മറ്റൊരു നദീ താഴ്വാരം ഭൂമിയിലില്ല' എസ്.കെ. പൊറ്റെക്കാട് ഇങ്ങനെ ചിന്തിക്കാൻ കാരണമെന്ത്? (2)
- XIV. പാഠപുസ്തകത്തിലേതുപോലെ പൂരിപ്പിക്കുക. (3)
- അച്ചനേ,
- നാസികയും (6 വരി)

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HINDI

- I. शब्दार्थ लिखिए 2
- क) झिझक ख) घमंड
ग) इंतज़ार घ) बदरिया
- II. पर्यायवाची शब्द लिखिए 2
- क) तालाब ख) धन
- III. विलोमार्थी शब्द लिखिए 2
- क) नवीन ख) निम्न
ग) पक्ष घ) प्रत्यक्ष
- IV. हिन्दी अक्षरों में लिखिए 2
- क) 49 ख) 51
ग) 45 घ) 55
- V. एक शब्द लिखिए 2
- क) जो दूर की सोचे
ख) जो मीठा बोलता हो
- VI. वाक्यों में प्रयोग कीजिए 2
- क) प्रेरणा ख) संभव
- VII. पद्य पूरा कीजिए (पहली आठ पंक्तियाँ) 4
- मैं घमंडों में भरा
..... पाँवों भगी ।
- VIII. उत्तर लिखिए
- क) एक तिनका नामक कविता के कवि कौन है? 1
- ख) खानपान के मामले में स्थानीयता का क्या अर्थ है? 2
- ग) साक्षात्कार पढ़कर आपके मन में धनराज पिल्लै की कैसी छवि उभरती है? वर्णन कीजिए । 2
- घ) विराम-चिह्न किसे कहते हैं? अवतरण का चिह्न कौन-सा है? 2
- ङ) 'एक तिनका' कविता में किस घटना की चर्चा की गई है, जिससे घमंड नहीं करने का संदेश मिलता है? 2