

DAYANAND ANGLO VEDIC PUBLIC SCHOOL, AIROLI.

Question Bank [2017 -18]

STD – VII

SUB – MARATHI

प्रश्न 1  खालील प्रश्नांची एक ते दोन वाक्यात उत्तरे लिहा

- 1  सोनालीने काय करावे असे  असे आईला वाटत होते
- 2  सोनालीच्या घरातील सर्वांना तिच्याकडे पाहून नवल का वाटत होते
- 4  कोणाचा जन्मदिवस आपण वाचन प्रेरणा दिन म्हणून साजरा करतो
- 5  पंडिता रमाबाईसांठी पाठात आलेली विशेषणे शोध व लिहा
- 6  लेक घरी नसताना कवयित्रीची अवस्था कशी होते
- 7  कवयित्रीने लेकीला बोलकी चिमणी का म्हटले आहे
- 8  कवितेतील लेक केव्हा रूसून बसते
- 9  तुमची लाडकी ताई घरात नसली तर तुम्हाला काय वाटते
- 10  तुमच्या धाकट्या किंवा मोठ्या बहिणीविषयी पाच वाक्यात तुमच्या भावना व्यक्त करा
- 11  आपल्याला लहान झालेले पण इतरांना वापरता येतील  अशा कपड्यांचे तुम्ही काय कराल
- 12  जुन्या कपड्यांचे काय काय करता येईल असे तुम्हाला वाटते
- 13  आवश्यक तेवढेच कपडे खरेदी केल्यामुळे कोणते फायदे होतील असे तुम्हाला वाटते
- 14  दिवाळीच्या किंवा मे महिन्याच्या सुट्टीतील पाच दिवसांची रोजनिशी लिहा
- 15  तुमचा या वर्षातील महत्त्वाचा दिवस कोणता  का

प्रश्न 2  खालील गद्य उतारा वाचून त्यावरील विचारलेल्या प्रश्नांची उत्तरे लिहा

एका शनिवारी दुपारी एक वाजता आई बाहेर गेली होती  बाबा त्यांच्या खालीत झोपले होते  मी हळूच आई बाबांचे कपाट उघडले  त्यांचा निळा शर्ट काढला आणि घातला  ती माझ्या गुडघ्यापर्यंत आला  त्याचा टाय सुद्धा गळ्याभोवती गुंडाळला  आईची गुलाबी फुलाफुलांची टोपी घातली  दाराजवळ बाबांचे काळे बूट होते  ती पायात घातले  बूटांच्या नाड्या मला बांधता आल्या नाहीत  ती बूट मला खूपच मोठे झाले

दाराच्या मागची कपडे वाळत घालायची काठी घेतली  ऐबलावर दादाचा काळा चप्पा होता  तो डोळ्यावर लावला  आरशात पाहून स्वतःकडे नीट बघितले  वढ्यात दाराचा आवाज झाला आणि आईने चावीने दार उघडून आत आली होती  मला बघून एकदम थांबली  एकदम जोरात हसयला लागली  तिने बाबांना हाक मारली  बाबासुद्धा झोपेतून उठून आले  मला पाहून दोघेही हसयला लागले

बाबानी कपटातला कमेरा घेऊन माझा फोटो काढला  आईने मला जवळ घेतले आणि माझी पापी घेतली

प्रश्न 8

- 1) हुपारी किती वाजले होते
- 2) मुलाने कपाटातून काय काय काढले
- 3) 'आई व 'बाबा' या शब्दांचे समानार्थी शब्द लिहा
- 4) वषा कोणाचा व कोठे होता
- 5) दाराच्या मागे काय ठेवले होते
- 6) 'आईची गुलाबी फुलाफुलांची टोपी घातली ' वाक्यातील विशेषण ओळखा?
- 7) आई व बाबा काय करत होते
- 8) बुट कोणत्या रंगाचे होते
- 9) शेवटी आईने काय केले
- 10) उताऱ्याला योग्य शीर्षक द्या

प्रश्न 3) खालील पैकी कोणत्याही एका विषयावर पत्र लिहा

- 1) तुमच्या मित्र अथवा मैत्रिणीस दिवाळीच्या सुट्टीत घरी येण्यासाठी आमंत्रण करणारे पत्र लिहा
- 2) तुमच्या शाळेत साजरा केलेल्या वृक्षारोपण कार्यक्रमाचे वर्णन करणारे पत्र तुमच्या मित्राला अथवा मैत्रिणीला लिहा

प्रश्न 4) खाली दिलेल्या मुद्द्याच्या आधारे गोष्ट लिहा व योग्य शीर्षक द्या

नाही  एके दिवशी लवकर शाळेत निघणे  प्रेपरवाल्याकडे काम मिळणे  शाळेत जाण्याआगोदर रोज पेपर टाकणे  आईला माहित नसणे  तीन महिने काम करणे  स्वतःसाठी गणवेश व आईसाठी नवी साडी आणणे  आई चकित होणे  26 जानेवारीला नवीन गणवेश  तात्पर्य

प्रश्न 5) खालील वाक्यातील काळ ओळखा

- 1) मिहाने अभ्यास केला
- 2) तुला भाकरीची गोष्ट सांगतो
- 3) त्यांच्याबद्दल आम्ही काय तक्रार करणार

प्रश्न 6) खालील प्रश्नांची उत्तरे उत्तरे कंसातील सूचनांप्रमाणे सोडवा

- 1) शरद आजोळी गेला होता  वाक्यातील नाम ओळखा
- 2) राजेसाहेब तिथे पोहचले  वाक्यातील विभक्ति ओळखा

- 3  त्याने अर्धी भाकरी ताटात टाकली  वाक्यातील सर्वनाम ओळखा
- 4  एकेक दाणा मोत्यासारखा दिसू लागला  वाक्यातील विविशेषण ओळखा
- 5  अके सुभेच्छा कार्ड खाली पडले  वाक्य शुद्ध करून पुन्हा लिहा
- 6  ति पेटीला मोठे कुलूप लावत असत  वाक्यातील विशेषण ओळखा

प्रश्न 7  खाली दिलेल्या विषयावर पत्र लिहा

नाताळच्या सुट्टीत वडिलांना घरी बोलविण्यासाठी पत्र लिहा

प्रश्न 8  खालीलपैकी कोणत्याही एका विषयावर दहा ओळी निबंध लिहा

1  पावसाळ्यातील एक दिवस

2  झाडाचे आत्मवृत्त

प्रश्न 9  खालील उतारा वाचून त्यावरिल विचारलेल्या प्रश्नांची उत्तरे लिहा ।

साने गुरूजींनी रामायणातील एक सुंदर गोष्ट सांगितली आहे । राम शबरीच्या आश्रमाजवळ फिरत असताना त्या वनात त्याला सर्वत्र फुले फुललेली दिसली । ती फुले कोमेजत नसत व त्यांना सदैव मधूर वास येत असे शबरीकडे चौकशी केल्यावर तिने त्या फुलांचा इतिहास सांगितला । त्या ठिकाणी पूर्वी मतंग ऋषींचा आश्रम होता । पावसाळा जवळ येत होता । त्यासाठी चार महिने पुरेल इतके जळण उन्हाळ्यात साठवणे आवश्यक होते । आश्रमात पुष्कळ विद्यार्थी होते । परंतु विद्यार्थी हे काम टाळू पहात होते । शेवटी मतंग ऋषी स्वतःच कुड्ड घेऊन निघाले । हे पाहून विद्यार्थ्यांनाही उठावे लागले । जंगलात जाऊन त्यांनी वाळलेली लाकडे गोळा केली व मोळया बांधल्या । कष्ट करून सगळे घामाघूम होऊन गेले । भर उन्हाळ्याच्या उन्हात सगळे त्या मोळया घेऊन चालत आश्रमात परत आले ।

दुसऱ्या दिवशी पहाटे उठून सगळे नदीवर आंघोळीला निघाले  जेव्हा ही सुवासिक फुले आलेली दिसली । आदल्या दिवशी जिथे जिथे त्यांनी घाम गाळला तिथे तिथे ही फुले उमलली होती ।

- 1 शबरीच्या आश्रमाजवळ रामाला वनात काय दिसल
- 2 मतंग ऋषींनी केलेल्या उपायाचा परिणाम काय झाला
- 3 नदीवर विद्यार्थ्यांना काय दिसले
- 4 विद्यार्थी जंगलात कशासाठी गेले होते
- 5 मतंगऋषी जंगलात काय घेऊन निघाले

प्रश्न 10  खाली दिलेल्या मुद्द्यावरून गोष्ट तयार करून लिहा

एक टोपीविक्या  टोप्या घेऊन दुसऱ्या गावाला जातो  गाटेत झाडाखाली विश्रांती  झाडावर माकडे माकडे टोप्या डोक्यावर घालतात  टोप्या मिळविण्याकरिता युक्त्या  युक्त्या वाया  टोपीवाला रागवतो  आपल्या डोक्यावरची टोपी फेकतो  माकडेही टोप्या फेकतात  शिर्षक



4. स फलम् खाद् लङ् लकार
5. त्वम् कुत्र वस् लट् लकार
6. त्वा बालिका गीतं गाय् लृट् लकार
7. अहम् पाठशालाम् गम् लोट् लकार
8. भोजने शाकम् रोटिका खाद् लोट् लकार
9. श्व अवकाशम् भू लृट् लकार
10. अध रविवासरम् अस् लट् लकार

प्रश्न 6 अधोलिखितेषु वाक्येषु रेखांकितपदेषु प्रत्यय पृथक् क्त्वा लिखत

1. गोपाल क्षेत्रम् बीजानि वपन्ति गम् + क्त्वा
2. रमेश कार्यम् गृहम् गच्छति + क्त्वा
3. लता जलम् रोटिका खादति पा + क्त्वा
4. स प्रभाते योगासनम् करोति उत् + स्था + ल्यप्
5. भक्ता ईश्वरम् प्रणम्य प्रसन्ना सन्ति
6. अहम् पाठम् पठितुम् इच्छामि
7. लता फलानि आनेतुम् आपणम् गच्छति
8. स ईश्वरम् शिवालयं गच्छति नम् + तुमुन्
9. धानरा फलम् वृक्षस्य उपरि आगच्छति खाद् + तुमुन्
10. अहम् विद्यालयं लेखं लिखित्वा पठामि

प्रश्न 7 अधोलिखितेषु रेखांकितपदेषु प्रयुक्तां विभक्तिं तथा कारणम् च लिखत

1. अलम् निद्रया
2. जलेन विना न जीवनम्
3. बालकम् सरोवरम् प्रति धावति
4. आवसम् परितः उपवनानि सन्ति
5. मालया सह गीता गच्छति
6. नगरम् अभितः वृक्षाः सन्ति
7. अलम् निद्रया
8. जलेन विना न जीवनम्
9. बालकम् सरोवरम् प्रति धावति
10. आवसम् परितः उपवनानि सन्ति

प्रश्न 8 उचित विशेषणपदैः अथवा विशेष्यपदैः वाक्यानि पूरयन्तु

1. जनाः वृक्षेषु भ्रमन्ति सुन्दरेषु क्र सुन्दराणाम्
2. तत्र बालकः गच्छति चतुरः च चतुराः



**DAYANAND ANGLO VEDIC SCHOOL AIROLI**  
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I] Read the extract given below and answer the questions that follow:-

Q-1) There are pretty curtains drawn around, the sheets are fine and thin.

And if you like to rest awhile, I'll snugly tuck you in'  
'O no, no,' said the little fly, 'for I've often heard it aid,  
They never, never wake again, who sleep upon your bed.'

- a) What was the reaction of the fly to the spider's offer?
- b) What do you understand by the last line of the given stanza?
- c) Give the rhyme scheme of the above stanza.

Q-2) Thus of every grief in heart

He with thee doth bear a part,  
These are certain signs to know  
Faithful friend from flattering foe,

- a) Why does the poet want us to be aware be of flatterers?
- b) Who is said to be a flattering foe?
- c) Identify the poetic device used in the last line.

Q-3) He that thy friend indeed,

He will help thy in thy need,  
If thy sorrow, he will weep,  
If thou wake, he cannot sleep.

- a) According to you who can be called as a true friend?
- b) Give the rhyme scheme of the above stanza.
- c) Explain the last two lines of the poem in your own words?

Q-4).Every one that flatters thee,

Is no friend in misery,  
Words are easy, like the wind,  
Faithful friends are hard to find.

- a) According to you who is called a flatterer?
- b) What do you understand by the line 'Words are like the wind' in the poem Friends and Flatterers?
- c) Why does the poet say that 'faithful friends are hard to find'?

Q-5) Hope I won't need them myself!' I would never do to get seasick just as he was getting his sea-legs!

- a) Who is 'I' referred to in the above lines?
- b) Which need is the speaker talking about?
- c) What do you understand by sea-legs?

Q-6) That you can't make out the difference between what is good and what is bad for your health..... You eat a thing because everybody is eating it. Or because that idiot box T.V tells you to do it! Am I wrong?

- a) Who is the speaker of the above lines?
- b) Why do you think people get tempted to buy junk food?
- c) Why is TV called as an idiot box?

Q-7) Well... er,' Prem Chopra responded nervously as he pulled out his handkerchief from his tweed coat and dabbed at the few drops of sweat on his forehead. Straightening his neck- tie, he regained his confidence. 'I wish to purchase a robot...'

- a) Why was Prem Chopra nervous?
- b) Why does the speaker want to buy a robot?
- c) Who is the speaker addressing to?

Q-8) But if fortune once do frown  
Then farewell his great renown,  
They that fawn'd on him before  
Use his company no more.

- a) What will the flatterer do if our fortune turns into bad luck?
- b) Give the rhyme scheme of the above stanza?
- c) Which word in the poem shows that the flatterers will say good bye to you in your bad times?

Q-9) Now he would be able to buy and accomplice, he thought, as he crossed the busy street towards the store. Surely an adequate investment of his latest loot.

- a) Who is 'he' referred to?
- b) What will he buy from the Super Robot Plaza?
- c) Why do you think he wanted an accomplice for him?

Q-10) I thank you, gentle sir,' she said, 'for what you're pleased to say,  
And bidding you good morning now, I'll call another day.'

- a) Who is referred to 'Gentle Sir' in the above lines?
- b) Why does the speaker bid good bye to the listener?
- c) Why is the speaker thanking the listener?

II] Answer the following questions in 2-3 lines each: (Word limit: 20-30 words)

Q-11) Why there was a cunning smile on Prem Chopra's face when he saw the Super Plaza Shop?

Q-12) Which instructions did the Alien give to Gopa in order to be fit healthy and wise?

Q-13) Explain the incident that happened inside the cabin after the ship rolled and pitched alarmingly?

Q-14) Why does the poet warn us to be aware of flattering friends? Give a valid reason for your answer.

Q-15) How does the spider appreciate or praise the beauty of the fly?

Q-16) What lesson do you learn from the lesson "A Stormy Adventure"?

Q-17) What did the soldier have in his merge kit?

Q-18) Why does the soldier call the village 'benevolent and hospitable.' Does he really mean so? Why?

- Q-19) Which special power according to the soldier did the stones have?
- Q-20) Why was the ship in the lesson 'A Stormy Adventure' carrying a special cargo?
- Q-21) Which warning was given by Capt. Kumar to his children? Explain the reason why?
- Q-22) What preparations were made by the spider when the fly goes away?
- Q-23) What lesson have you learnt from the poem 'The Spider and the Fly'?
- Q-24) Name the three inbuilt principles in Ram Singh's system?
- Q-25) In the end Prem Chopra felt guilty. Explain in your own words
- Q-26) Why was Gopa's mother not ready to buy chocolates for him?
- Q-27) Why can't we consider a flatterer as a true friend?
- Q-28) Do you think Gopa was a spoilt child? If yes, why do you think so?
- Q-29) Till when the flatterer will call his friend bountiful?
- Q-30) Why was Prem Chopra moving restlessly in the prosecution box?

III] Answer the following questions in brief: (Word limit: 30-40 words)

- Q-31) The spider calls his home 'the prettiest little parlour', in the beginning of the poem, but at a later stage, it's called a den, why?
- Q-32) Which offer according to you does the fly find it most difficult to resist? Give reason for your answer
- Q-33) What happened in the court after the disintegration of Ram Singh?
- Q-34) Why should one be judicious while selecting friends?
- Q-35) How did the encounter with the Alien change the life style of Gopa?
- Q-36) What are the harmful effects of excessive consumption of sugar?
- Q-37) Describe briefly the do's and don'ts as recommended by the Alien.
- Q-38) The fly says in the first stanza that he knows, anyone who goes up the winding stair can never come down again. Why does she herself go up the winding stairs and enter the den?
- Q-39) What was Ram Singh's dilemma? How was it resolved?
- Q-40) Imagine you're Vishal. Many people praised you for your intelligence as you saved the ship and the crew from the dangerous typhoon Elsie. Write a diary entry describing the incident and the your feeling of elation on being able to save many lives.(Word limit: 50 words)
- Q-41) How did Ram Singh difuse himself?
- Q-42) There is a marked difference between the sincere appreciation of a faithful friend and artificial flattery foe. Explain the statement in your own words
- Q-43) Imagine you are the judge in Ram Singh's case. Write in a paragraph what you thought of the matter when the case ended. (Word limit: 50words)
- Q-44) In the lesson 'Chocolates in my dream too' you have seen that the Alien advices Gopa to be disciplined in his eating habits, watching TV and doing physical exercise. Do you agree with the Alien? Explain it briefly?
- Q-45) Imagine you are Mr Ram Singh. You're caught by the police and summoned to the court to reveal the truth about the robbery that took place .You don't want to disclose anything about your master as you have certain principles inbuilt in you want to share your feelings and the experience you had in the court ( in not more than 90 words)
- Q-46) Why was Prem Chopra shocked?
- Q-47) How will you differentiate between a true friend and a flatterer?
- Q-48) What excuses does Gopa give to his mother for not playing outside?
- Q-49) Where was Trishna going?
- Q-50) What will Gopa tell to his classmates when he goes to school?

**DAYANAND ANGLO VEDIC PUBLIC SCHOOL, AIROLI**  
**SECOND UNIT TEST (2017-18)**  
**QUESTION BANK**

**STD: VII**

**SUBJECT: SCIENCE**

**A) Multiple choice questions:**

- Q1) Blood cells that help clotting of the blood are \_\_\_\_\_  
 a) plasma                      b) WBCs                      c) blood platelets
- Q2) Acid present in amla is \_\_\_\_\_  
 a) oxalic acid                      b) formic acid                      c) citric acid
- Q3) An object that has its own light is called \_\_\_\_\_  
 a) Luminous                      b) Non-luminous                      c) Opaque
- Q4) Rectilinear propagation of light is defined as  
 a) Straight path of light                      b) Curved path of light                      c) Zig-zag path of light
- Q5) Blood cells containing haemoglobin are called  
 a) plasma                      b) WBCs                      c) RBCs
- Q6) Acid present in guava is  
 a) lactic acid                      b) oxalic acid                      c) formic acid
- Q7). How do mirrors work ?  
 a) By reflecting the light                      b) By absorbing the light                      c) By transmitting the light
- Q8) According to law of reflection an angle of reflection is \_\_\_\_\_ to the angle of incidence.  
 a) greater                      b) equal                      c) smaller
- Q9) The back of the spoon acts as a \_\_\_\_\_  
 a) Concave mirror                      b) plane mirror                      c) Convex mirror
- Q10) A ray of light falling on a mirror is a  
 a) incident ray                      b) reflected ray                      c) normal ray

**B) Fill in the blanks:**

- Q11) \_\_\_\_\_ is the muscular wall that divides the heart lengthwise.
- Q12) Transportation in unicellular organisms takes place by \_\_\_\_\_
- Q13) The mid point of the section of the sphere used for making the spherical mirror is called \_\_\_\_\_
- Q14) The distance between the pole and focus of the mirror is called \_\_\_\_\_
- Q15) \_\_\_\_\_ mirrors are used in ophthalmoscope.
- Q16) \_\_\_\_\_ used for viewing distant heavenly objects.
- Q17) A convex mirror always forms a \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ image.

**C) Complete the table given below: (mention the change in colour)**

Q18) INDICATOR	ACIDIC MEDIUM	BASIC MEDIUM
Turmeric		
Red Litmus paper		

Q19) INDICATOR	ACIDIC MEDIUM	BASIC MEDIUM
Phenolphthalein		
Blue Litmus paper		

**D) Complete the sentences**

- Q20). A ray, parallel to the principal axis, \_\_\_\_\_  
Q21) A ray, directed towards the focus of a spherical mirror, becomes \_\_\_\_\_  
Q22) A ray, directed towards the centre of curvature of a spherical mirror, \_\_\_\_\_

**E) Answer the following questions:**

- Q23) What is systole ?  
Q24) Define mineral acids. Give examples any 3  
Q25) What will happen if the xylem tissue is damaged in a branch of a tree?  
Q26) Differentiate between Transportation and Transpiration  
Q27) Differentiate between regular and diffused reflection.  
Q28) What happens when Aluminium hydroxide reacts with hydrochloric acid?  
Q29) Write the practical uses of concave and convex mirrors.  
Q30) Draw a neat labelled diagram of a part of the root showing root hairs.  
Q31) Write an activity to show that solutions of salts in water can conduct electricity.  
Q32) Mention any three functions of blood.  
Q33) Write the properties of the image formed by a plane mirror.  
Q34) What is diastole?  
Q35) Define organic acids. Give examples any 3  
Q36) What will happen if there are no platelets in blood?  
Q37) Differentiate between Xylem and Phloem  
Q38) What happens when Hydrochloric acid reacts with sodium hydroxide?  
Q39) Draw a neat labelled diagram of Transpiration in a plant.  
Q40) What is the relation between focal length and radius of curvature?  
Q41) Differentiate between real and virtual images.  
Q42) Write an activity to show the process of neutralisation.  
Q43) What is excretion and explain any two organs of excretion in human body?  
Q44). Find out the letters of English alphabet in which the image formed in a plane mirror appears exactly like the letter itself .

**F) Draw ray diagrams and also mention the position and nature of image formed in each of the following:**

- Q45) When the object is at the centre of curvature in a concave mirror  
Q46) When the object is beyond centre of curvature in a concave mirror  
Q47) When the object is between the focus and centre of curvature in a concave mirror  
Q48) When the object is at the focus in a concave mirror  
Q49) When the object is between the focus and pole in a concave mirror  
Q50) When the object is in the front of a convex mirror.

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**DAYANAND ANGLO VEDIC PUBLIC SCHOOL, AIROLI**  
**SUB: MATHS QUESTION BANK (2017-18)**  
**STD: VII**

1) Find the product of:

i)  $(13ax - 4)(5ay + 1)$

iii)  $(5x^2 - 6x + 9)(2x - 3)$

ii)  $(7x + 9y^2)(3xy^2)$

iv)  $(3x^2 + 5x - 9)(3x - 9)$

2) Find the product of  $8s^2(t^2 - 2st)$  and verify the result when  $s=1$  and  $t=5$

3) Simplify  $(4a^2 - 6ab + 9b^2)(2a + 3b)$  and verify the result when  $a=2, b=1$

4) Factorise :

i)  $ab^2 - bc^2 - ab + c^2$

iii)  $(5x^2 - 10xy) - 4x + 8y$

ii)  $a(a + b) + 8a + 8b$

iv)  $axy + bcxy - az - bcz$

5) Find the H.C.F of:

i)  $21x^3y^7$  and  $35x^5y^5$

ii)  $9x^3y$  and  $18x^2y^3$

6) Simplify

a)  $2(x - y^2) - 3y(xy + 2)$

b)  $(4x^2 + 7y^3)(3xy - 2y^2)$

c)  $(a - b)(a^2 + ab + b^2)$

d)  $(x - 4y)(5x^2 - 2xy + y^2)$

7) The following table shows the favourite sports of 250 students of a school. Represent the data by a

bar graph. Draw a graph to represent the given data.

<b>SPORTS</b>	Cricket	Football	Tennis	Badminton	Swimming
<b>STUDENTS</b>	75	35	50	25	65

8) The performance of students in 1<sup>st</sup> Term and 2<sup>nd</sup> Term is as given below. Draw a double bar graph

and answer the following:

<b>SUBJECT</b>	ENGLISH	HINDI	MATHS	SCIENCE	S.SCIENCE
<b>1<sup>st</sup> Term</b>	67	72	88	81	73
<b>2<sup>nd</sup> Term</b>	70	65	95	85	75

i) In which subject, has the children improved their performance the most?

ii) Has the performance gone down in any subject?

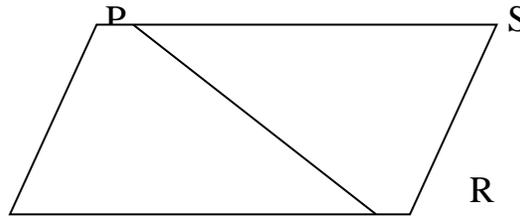
9) Construct a  $\Delta PQR$  in which  $PQ = 4.5\text{cm}$ ,  $QR = 5\text{cm}$  and  $RP = 6\text{cm}$ .

10) Construct a  $\Delta ABC$  in which  $AB = 5\text{cm}$ ,  $AC = 4.3\text{cm}$  and  $\angle A = 60^\circ$

11) Construct a  $\Delta XYZ$  in which  $YZ = 4.8\text{cm}$ ,  $\angle Y = 60^\circ$  and  $\angle Z = 75^\circ$

12) Construct a right angled triangle with hypotenuse of length 6cm and one side of length 3.5cm

- 13) In the figure given below,  $PS = QR$  and  $PQ = SR$ . Find the third pair of corresponding parts which make  $\triangle PSR \cong \triangle RQP$  by SSS congruence condition.



- 14) If  $\triangle PQR \cong \triangle EFD$ , then:  
 i) Which side of  $\triangle PQR$  equals  $ED$ ?      ii) Which angle of  $\triangle PQR$  equals  $\angle E$ ?
- 15) Without drawing the triangles, state the correspondence between the vertices, sides and the angles of the following pairs of congruent triangles:  
 i)  $\triangle ABC \cong \triangle QRP$       ii)  $\triangle ABC \cong \triangle PRQ$
- 16) Show that in an isosceles triangle, the angles opposite to the equal sides are equal.
- 17) The heights of 7 players in a group are: 175cm, 158cm, 180cm, 164cm, 182cm, 160cm and 171cm.  
 i) What is the height of the tallest boy?  
 ii) What is the height of the shortest boy?  
 iii) What is the range of the data?  
 iv) Find the mean height.
- 18) Find the median of:  
 i) 9, 25, 18, 15, 6, 16, 8, 22, 21  
 ii) 10, 32, 17, 19, 21, 22, 9, 35
- 19) The average salary of 11 workers in a factory is Rs.3000 per month. If the salary of the manager is Rs.6000 per month, find the average monthly salary paid to all the employees.

20) Find the mode from the following data:

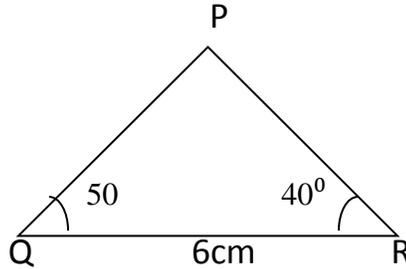
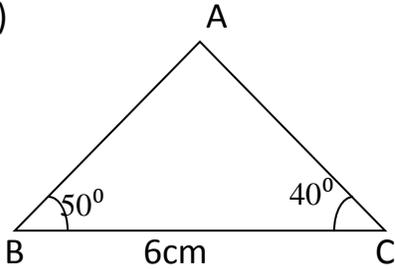
Size of shoe	1	2	3	4	5	6	7	8	9
No:of pairs sold	1	2	2	3	4	5	3	7	2

- 21) The average salary of 11 workers in a factory is Rs.3000 per month. If the salary of the manager is Rs.6000 per month, find the average monthly salary paid to all the employees.
- 22) The mean of 5 number is 20. If one number is excluded, mean of the remaining numbers becomes  
 23. Find the excluded number.
- 23) Find the median of:  
 i) 9, 25, 18, 15, 6, 16, 8, 22, 21  
 ii) 10, 32, 17, 19, 21, 22, 9, 35

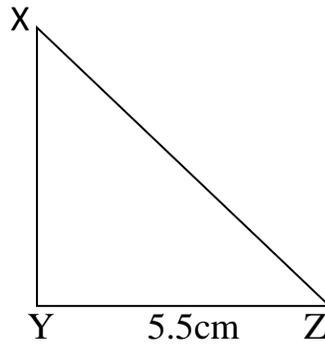
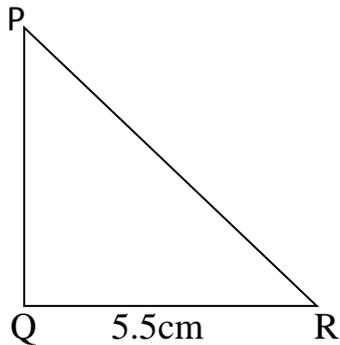
- 24) Mean of 9 observation was found to be 35. Later on, it was detected that an 81 was misread as 18. Find the correct mean of 9 observations.
- 25) Find the arithmetic mean of the following :  
15, 10, 5, 22, 18, 35, 19, 20
- 26) The following are the marks obtained by 25 students in the class test. 9, 17, 12, 20, 18, 5, 17, 9, 9, 2, 8, 17, 9, 20, 25, 9, 2, 7, 9, 19, 20, 9, 17, 18, 20. Find:  
a) the range of marks.  
b) the highest marks obtained.  
c) the median and mode of the marks.
- 27) Fill in the blanks, so as to make the following statements true:  
i) If  $PQ = YZ$ ,  $\angle Q = \angle Z$  and  $QR = ZX$ , then  $\triangle PQR \cong \triangle YZX$  by SAS congruence condition.  
ii) If  $\triangle ABC \cong \triangle EFD$  then side  $BC =$  side \_\_\_\_\_ and  $\angle A =$  \_\_\_\_\_  
iii) If in two triangles  $ABC$  and  $DEF$ ,  $\angle A = \angle D = 90^\circ$ , hypotenuse  $BC =$  hypotenuse  $EF$ ,
- 28) If  $\triangle PQR \cong \triangle EFD$ ,  
i) Which side of  $\triangle PQR$  equals  $ED$  ?  
ii) Which angle of  $\triangle PQR$  equals  $\angle E$  ?
- 29) Which of the following pairs of triangles are congruent?  
i)  $\triangle ABC : AB = 2\text{cm}, AC = 4\text{cm}, \angle A = 40^\circ$ ;  $\triangle XYZ : XZ = 2\text{cm}, YZ = 4\text{cm}, \angle Z = 40^\circ$   
ii)  $\triangle PQR : PQ = 5\text{cm}, PR = 6\text{cm}, \angle P = 55^\circ$ ;  $\triangle DEF : DE = 6\text{cm}, EF = 5\text{cm}, \angle D = 55^\circ$
- 30) In  $\triangle ABC$ ,  $\angle A = 100^\circ$  and  $AB = AC$ . Find  $\angle B$  and  $\angle C$ .
- 31) Prove that measure of each angle of an equilateral triangle is  $60^\circ$ .
- 32) The perimeter of a rectangle is 62 cm. If its length is 24 cm, find the length of each of its diagonal
- 33) How much distance does Romi cover if she runs 3 times around a square field of length 12.5m?  
a) Which qualities of Romi are being depicted in the question.
- 34) A man bought a second hand water purifier for Rs.700 and spent Rs.180 on its repairs. He then sold it for Rs.924. What is his gain percent?

35) In each of the following pairs of triangles given, the measures of some parts are indicated along side, by applying congruence condition, state which are congruent and state the answer in symbolic form.

i)



ii)



Side AB = side DE, then

$\triangle ABC \cong \triangle DEF$  by \_\_\_\_\_ congruence condition.

36) Two small circular parks of diameters 16 m and 12 m are to be replaced by a bigger circular park.

What would be the radius of the new park if the new park occupies the same space as the two small parks.

37) A garden is 100 m long and 80 m wide. A path 5m wide is to be built outside around it. The rectangular portion is to be covered with trees. Answer the following questions:

a) Find the area of the path.

b) Which social act is being discussed here? Give its advantages.

38) If the selling price of 40 articles is equal to the cost price of 50 articles, What will be the loss or gain percent?

39) At what rate percent per annum will Rs 6950 produce Rs 347.50 as simple interest in 5months.

- 40) The average salary of 9 workers in a factory is Rs 2800 per month. If the salary of the manager is Rs.5000 per month.
- Find the average monthly salary paid to all the employees.
  - Which mathematical concept is used in this question?
- 41) Find the simple interest on Rs 7300 from 15 May to 8 October 2000 at 10% per annum.  
[Hint: 15 May + June + July + Aug + Sept + Oct 8 ]  
( 16 + 30 + 31 + 31 + 30 + 8 = 146 days)
- 42) At what time will a sum of money at the rate of  $13\frac{1}{3}\%$  triple itself.
- 43) Find the simple on Rs 2250 for  $2\frac{1}{2}$  years at the same rate on which Rs 5250 amounts to Rs 5932.50 in  $3\frac{1}{2}$  years
- 44) A machine is sold for Rs.1530 at a loss of 10%. What is the cost price?
- 45) A man sold two articles at Rs 375 each. On one he gains 25% and on the other he loses 25%. How much does he gain or lose in whole transaction. Also find profit % or loss %.
- 46) In an examination, 94% of the students passed and 114 failed. How many students appeared ?
- 47) Ram scored 553 marks out of 700 and Gita scored 486 marks out of 600 in Maths. Whose performance is better.
- 48) Sudhir borrowed Rs 3,00,000 at 12% per annum from a money lender. At the end of 3 years, he cleared the account by paying Rs 2,60,000 and a gold necklace. Find the cost of the necklace.
- 49) During blood donation camp in a school, 60% of the total students donated blood. If the number of students who did not donate blood was 480, find the total number of students in the school.
- 50) Find the product and verify for  $a = \frac{1}{3}$ ,  $b = 1$ ,  $p = 2$   $q = 3$
- $$3a(p - 2q) - b(p - 2q)$$

**Dayanand Anglo Vedic Public School, Airoli**  
**Hindi- Question Bank**

Std. VII

- प्रश्न 1 ' वह खेल रहा होगा । ' में कौन  काल है
- प्रश्न 2 'महेश तेज दौड़ता है । ' में से किया छोटका उसका भेद लिखिए ।
- प्रश्न 3 ' गेंद ऊपर से गिरी । ' में क्रियाविशेषण छोटका उसका भेद लिखिए ।
- प्रश्न 4 'नरेश .....दिनेश खेल रहे थे । ' में उचित समुच्चयबोधक से रिक्तस्थान पूर्ण कीजिए
- प्रश्न 5 निम्नलिखित शब्दों में से रूढ़  यौगिक शब्द अलग  अलग करके लिखिए
- नीलकण्ठ  द्वाथ  सुकन्या  घर  जलज  सुंदरता
- प्रश्न 6 निम्नलिखित शब्दों में से  तिसम  तद्भव  देशज व आगत शब्द अलग  अलग करके लिखिए
- तृण  ज्ञात  स्कूल  स्वर्ण  उम्र  ऊँचा  गमछा  देधि  रेडियो  पिचड़ी  मैना  बस  तिनका
- कर्ज  रात्रि  पटना  उच्च  घिमटा  देही  कुक्का
- प्रश्न 7 दिए गए शब्दों के दो  पर्यायवाची लिखिए
- अ  मवन  आ  सोना
- इ  तट  ई  भानु
- प्रश्न 8 वचन बदलिए
- अ  तलवार  आ  मैदान में
- इ  कथाएँ  ई  कैदी को
- प्रश्न 9 ' शिक्षक पढ़ा रहे हैं । ' लिंग परिवर्तन करते हुए वाक्य पुनः लिखिए ।
- प्रश्न 10 ' कमल अधिक चतुर है । ' वाक्य में से विशेषण तथा विशेष्य छोट कर लिखिए ।
- प्रश्न 11 क  दिए गए शब्दों से दो  वाक्य इस प्रकार बनाइए कि दो  अर्थ स्पष्ट हो जाएँ
- हार  फल
- ख  दिए गए शब्दों से वाक्य इस प्रकार बनाइए कि अर्थ स्पष्ट हो जाएँ
- उपेक्षा  अपेक्षा
- प्रश्न 12 'पीपल पात सरिस मन डोला । ' में से अलंकार छोट कर लिखिए ।
- प्रश्न 13 निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए
- 1 किए गए उपकार को मानने वाला  2 भय न होना
- प्रश्न 14 मान लीजिए आपकी साइकिल स्कूल से खो गई है । इस पर सूचना बना कर लिखिए ।
- प्रश्न 15 आप अपने मामाजी की शादी में आगरा जाना चाहते हैं अतः आपको चार दिन की छुट्टी चाहिए । छुट्टी के लिए प्रधानाचार्य जी को प्रार्थना पत्र लिखिए ।
- प्रश्न 16 निम्नलिखित गद्यांश पढ़कर प्रश्नों के उत्तर दीजिए
- मनुष्य का जीवन संघर्षों से भरा है । यदि जीवन में संघर्ष और असफलता न हो तो सफलता के आनंद की सच्ची अनुभूति भी नहीं हो सकती । पराजय होने पर भाग्य को दोषी ठहराना पतन की ओर ले जाता है । सच्ची लगन  उत्साह तथा ईमानदारी से प्रयत्न करने से सफलता अवश्य मिलती है । निरंतर संघर्ष करने वाला व्यक्ति ही पूरी तरह निखरता है और अंत में विजय प्राप्त करता है । दूसरी ओर मन से हार जाने वाला व्यक्ति आरंभ से ही गलत तर्क दूँ  लगता है और आलसी बन कर अपने भाग्य और जीवन को कोसता है ।

- क  यदि जीवन में असफलता न हो तो किसकी सच्ची अनुभूति नहीं हो सकती
- ख  कैसा मनुष्य कभी असफल नहीं होता
- ग  आलसी व्यक्ति किसे कोसता है
- घ  उत्साह तथा ईमानदारी से प्रयत्न करने से क्या मिलता है
- ङ  गद्यांश का उचित शीर्षक दीजिए ।

प्रश्न 17 निम्नलिखित पद्यांश पढ़कर प्रश्नों के उत्तर दीजिए

पथ पर चलना तुझे तो मुस्कराकर चल मुसाफिर

याद रख जो आधियों के सामने भी मुस्कराते

वे समय के पथ पर पद  चिह्न अपने छोड़ जाते ।

चिह्न वे जिनको न धो सकते प्रलय  तूफान घन भी

मूक रहकर जो सदा भूले हुआओं को पथ बताते ।

- 1 यह कविता किसको संबोधित करके लिखी गई है
- 2 मुसाफिर से कवि किस प्रकार चलने को कहता है
- 3 कौन अपने पद  चिह्न छोड़ जाते हैं
- 4 किसके पद  चिह्न अमिट रहते हैं और भूलों को राह कौन बताता है
- 5 पद्यांश का उचित शीर्षक दीजिए ।

प्रश्न 18 पूरा अशोक हॉल करतल ध्वनि से क्यों गूँ  उठा

प्रश्न 19 साधु की तुलना किससे की गई है और क्यों

प्रश्न 20 बेटी द्वारा पैसे दिए जाने पर बुढ़िया ने क्या कहा

प्रश्न 21 सफलता का राजमार्ग क्या है

प्रश्न 22 आम्भी को देशद्रोही क्यों कहा गया है

प्रश्न 23 तुच्छ लोगों से बैर और प्रीति क्यों अच्छी नहीं होती

प्रश्न 24 जो गणपति का विसर्जन करने के लिए नहीं जा सकते वे क्या करते हैं

प्रश्न 25 सिकंदर ने पुरू का राज्य क्यों लौटा दिया

प्रश्न 26 मनुष्य को विपत्ति का सामना किस प्रकार करना चाहिए

प्रश्न 27 किसान को अन्नदाता क्यों कहा गया है

प्रश्न 28 कठिनाई आने पर वैर और कायर व्यक्ति कैसा व्यवहार करते हैं

प्रश्न 29 अपने सामर्थ्य के अनुसार कार्य करने के क्या लाभ होते हैं

प्रश्न 30 अशोक कक्ष में उदघोषक ने अरूणिमा सिन्हा का नाम क्यों पुकारा

प्रश्न 31 पाठ 'उस रात की बात' में मिस्त्री को कौन बुला कर लाया ?

प्रश्न 32 कर्मभूमि के यज्ञ में किसान का साथ कौन  देता है

प्रश्न 33 'गुण बड़े एक से एक प्रखर हैं छिपे मानवों के भीतर' का अर्थ क्या है

प्रश्न 34 संसार को किस प्रकार अपना बनाया जा सकता है

प्रश्न 35 कार्तिकेय का वाहन क्या है

प्रश्न 36 गणेशोत्सव सार्वजनिक रूप में मनाने की प्रथा किसके जमाने से शुरू हुई

प्रश्न 37 कवि ने किन  किन उदाहरणों द्वारा मनुष्य में छिपे गुणों के बारे में बताया है

प्रश्न 38 आम्भी को देश द्रोही क्यों कहा गया है

प्रश्न 39 गणपति का विसर्जन किस प्रकार किया जाता है

प्रश्न 40 अवसर के अनुसार बात न करने के क्या परिणाम हो सकते हैं

प्रश्न 41 बुढ़िया के घर से लौटते समय लेखक ने क्या प्रण लिया

प्रश्न 42 निम्नलिखित पठित गद्यांश को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर लिखिए

21 मई 2013 को सुबह के दस बजकर पचपन मिनट पर आखिर वह घड़ी आ पहुँची जब मेरा संकल्प साकार हो गया। मैं अरुणिमा सिन्हा  विकलांग अपने संकल्प और दृढ़ निश्चय के बल पर दुनिया की छत पर खड़ी हो कर तिरंगे का आलिंगन कर रही हूँ  चीख  चीख कर दुनिया को बताना चाहती हूँ  मैंने उन लुटेरों को जवाब दे दिया है जिन्होंने मुझे एक अबला समझ कर ट्रेन से बाहर फेंक दिया था। मैंने पूरे विश्व को यह बता दिया है कि हाथ  पैर कटने पर कोई विकलांग नहीं होता। वास्तव में विकलांगता एक मनोदशा है।

यदि आपकी इच्छा शक्ति दृढ़ है तो कोई बाधा आपके मार्ग को नहीं रोक सकती। मेरा जीवन इस बात का प्रमाण है। खुद पर विश्वास  दृढ़ इच्छाशक्ति और अपने लक्ष्य के प्रति संपूर्ण समर्पण  यही सफलता का राजमार्ग है। इस मार्ग पर चल कर तो देखिए आपका स्वप्न भी साकार हो जाएगा।

प्रश्न  1  सफलता का राजमार्ग क्या है

2  अरुणिमा सिन्हा ने विश्व को क्या बता दिया

3  अरुणिमा सिन्हा का संकल्प कब साकार हो गया

4  अरुणिमा सिन्हा किसके बल पर दुनिया की छत पर तिरंगे का आलिंगन कर रही थी

5  उपर्युक्त गद्यांश में से गले लगाना शब्द का समानार्थी शब्द छांटकर लिखिए।

प्रश्न 43 निम्नलिखित पठित पद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर चुनकर लिखिए

पौ फटते ही ज्यों मचाए  विहग डाल पर शोर

शीतल मंद बयार जगाती  झल उठ हो गई भोर।

कांधे रख हल चल पड़ा वह  वृषभ सखा संग ले अपने

जा पहुँचा  निज कर्मक्षेत्र में  प्रातः लालिमा से पहले।

प्रश्न  क  पक्षी कहा  शोर मचाते हैं

ख  सुबह की हवा कैसी होती है

ग  किसान अपने कर्मक्षेत्र में कब पहुँचता है

घ  इस काव्यांश के कवि कौन हैं

ङ) 'भोर' शब्द से एक वाक्य बनाइए।

प्रश्न 44 अनुमान और कल्पना

- 1  बुढ़िया लेखक को रात में अपने घर ठहरने के लिए न कहती तो लेखक क्या करता
- 2  सिकंदर पुरु को बंदी बनाकर जेल में डाल देता तो क्या होता

प्रश्न 45 निम्नलिखित प्रश्नों के उत्तर दिए गए विकल्पों में से छानकर लिखिए :

क  'काँटों में राह बनाते हैं' का अर्थ है

- अ  काँटों को हटा कर रास्ता बनाते हैं ।
- ब  काँटों को दूर फेंक देते हैं ।
- स  कठिनाइयों में भी लक्ष्य की तरफ बढ़ते रहना ।

ख  दैशद्रोही कौन था

- अ  आम्भी
- ब  पुरु
- स  सिकंदर

ग  दुर्गापूजा का त्योहार विशेष रूप से किस राज्य में मनाया जाता है

- अ  पंजाब
- ब  पश्चिम बंगाल
- स  महाराष्ट्र

घ  हिन्दी के किस महीने में पतंगें उड़ाई जाती हैं

- अ  चैत्र
- ब  पौष
- स  जेठ
- द  आषाढ़

**DAYANAND ANGLO VEDIC PUBLIC SCHOOL, AIROLI**  
**SESSION 2017-18**  
**SOCIAL SCIENCE QUESTION BANK**

**STD: VII**

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- 1) What would happen on the earth in the absence of air?
- 2) Which is the densest layer of the atmosphere?
- 3) What prevents the formation of clouds in the layer of stratosphere?
- 4) How is nitrogen beneficial to us?
- 5) Give three features of troposphere?
- 6) How are ocean currents formed?
- 7) Mention one advantage of the ocean currents.
- 8) Give one advantage of tidal energy.
- 9) What is plankton?
- 10) Differentiate between warm and cold currents.
- 11) Why is plant and animal life limited in the desert areas?
- 12) Where are tropical grasslands located?
- 13) Why is a large variety of animals found in the equatorial region?
- 14) Distinguish between tropical evergreen forests and tropical deciduous forests?
- 15) Define: a) Ecosystem    b) Desert
- 16) What is settlement?
- 17) Give three points that became parts of human life.
- 18) What is the role of transport in the development of a country?
- 19) Which is the largest railway line in the world?
- 20) Which is the latest means of communication ? Explain.
- 21) Briefly describe the social life of the people in the Vijaynagar empire.
- 22) Who were the famous rulers of Kashmir?

- 23) What do you know about Hasan Gangu?
- 24) What was the reason responsible for the conflict between Vijaynagar and Bahamani rulers?
- 25) Who founded the city of Marwar ? When?
- 26) Who defeated Humayun and where?
- 27) Who is known as the forerunner of Akbar?
- 28) How did Babur become the ruler of Hindustan?
- 29) Write a brief note about Jahangir's chain of justice.
- 30) Write about the social and economic life of the people under the Mughal rule.
- 31) Which language emerged as the lingua franca of high class?
- 32) Shivaji divided his empire into three parts name them.
- 33) What steps did Murshid Quli khan take to strengthen his position in Bengal?
- 34) What were the common features among the states of Bengal, Awadh and Hyderabad?
- 35) What were the contributions of Guru Govind singh and Banda Bahadur?
- 36) How is advertising a method of mass promotion?
- 37) How does advertising spread its message to the consumer?
- 38) Name some Social or Public service advertising?
- 39) How does advertising lead to wasteful expenditure?
- 40) How are consumers exploited by the shopkeepers or manufacturers?
- 41) How can you say that the notion of stereotype is negative?  
Give two points?
- 42) Why is the work that women do within the home is not recognized as work?

- 43) Explain any two types of gender inequality?**
- 44) Explain different forms of gender inequality?**
- 45) What can you do to bring gender equality?**
- 46) Why does a wholesaler sell goods at a lower price?**
- 47) Name the factors that determine the price of goods in a market?**
- 48) How is marketing different from advertising?**
- 49) How does a retailer make profit?**
- 50) What are the different types of markets? Describe them briefly.**