BIRLA BALIKA VIDYAPEETH, PILANI

SAMPLE PAPERS

FOR ADMISSION TO

CLASS – IX

Time: 30 Minutes   M.M.: 25

SUBJECT : ENGLISH

(TO BE FILLED IN BY THE CANDIDATE)

Name ……………………………………………….. Registration No. ………………………….

Father's Name …………………….……………… Date of Birth ……………………………...

Studying in class ………………….Class in which Admission is sought ………………..

Name of Centre ……………………………………………………………………………………

(FOR OFFICE USE ONLY)

1. Invigilator(s) Signature   :   ………………   …………………….
2. Marks Obtained in %   :   ……………….
3. Signature of Examiner   :   ……………….

I.   Read the following passage carefully: 8 marks

For those with stamina, bicycles are the best option to explore Panchmarhi, besides other modes of transport.

One and a half kilometer away from the bus station lies Jatashankar, a scenic cave which is the source of Jambudweep stream. The boulders here create an impression of the matted locks of Shiva, from which the spot derives its name. Explore the Pandava caves, believed to have been the abode of the Pandavas during their exile.

The lofty ravines of Handi Khoh are almost three hundred feet high, and a scenic preserve for birds and bees. Natives believes that the destroyed serpent lies buried in this *khud*.

Shiva is clearly the presiding deity here. The Mahadev Cave, with its ancient idol of Shiva and the Shivalings has been a popular pilgrim center for centuries, and attracts lakhs of visitors during Shivratri. To the east is Mahadev, an excellent rock shelter almost 150 feet in length that features paintings dating as far back as the fourth century BC. Four kms away lies the Chauragharh, one of the Satputura's prominent summits marked by the emblems of Shiva.

Those seeking adventure can take a ten minute walk to reach the top of Rajat Parbat, the 'Big Fall', just one among the hundreds of water fall in Panchmarhi. You might even stumble across one that hasn't been recorded till date. The Duchess Falls are extremely scenic, thundering down the hill in three distinct cascades. Watch out for the steep descent. The two-and-a-half-kms rugged path looks dissuading, but is an experience worth cherishing.

Complete the following sentences: 6 marks

1.   Bicycles are best for those who _____

2.   Jatashanker , a scenic cave, is the source of _____.

3.   The ravines of ' Handi Khoh' are _____.

4.   The Mahadeva Cave , a popular pilgrim centre, is visited by _____

     _____.

5.   The Duchess Falls thunder down the hill in _____.

6. The phrase 'presiding deity' means _____.

Find a word from the passage that means the same :   2 marks

1. Designs or symbols used as identifying marks _____

2. The tops of mountains _____

II. Choose the correct option from the ones given below and complete the paragraph : 4 marks

The average cow (i) _____ (weigh, weighed, is weighing, weighs) one thousand four hundred pounds. Cows drink twenty five (ii) _____ (or, to, and, by) fifty gallons of water (iii)_____ (all, the, each, one)day . A female cow (iv) _____(has produced , will produce, is producing, produces) over two thousand glasses of milk in her lifetime. (v)_____ (how, that, which ,what)a cow eats (vi)_____(is affecting, effects, affects, is affecting)the milk that it produces. (vii)_____ (if, unless, as, therefore) a cow has a balanced diet, she can produce (viii) _____(as many as , as more as, as much as, so many as) one hundred glass of milk a day.

III.Read the conversation and complete the paragraph that follows: 4 marks

Wife   : Our servant has run away.

Husband: Is anything missing?

Wife   : Yes, my gold watch.

Husband: Where did you keep it ?

Wife   :   On the dressing table , as usual.

Husband: I am going to the police to report.

The wife told her husband that (i) _____.

The husband asked his wife (ii) _____.

The wife replied in affirmative that (iii)_____

The husband then asked her where (iv) _____

and told her that she was going to the police to report the incident.

IV. Rearrange the words and phrases to form meaningful sentences:　　　　2 marks

1. Is / ocean / a very/ for/ foreign/ important/ trade/ transport

_____

2. Than/ is/ air/ transport/ cheaper/it

_____

V. You often notice people throwing domestic garbage, orange and banana peels on the road, anywhere, unmindful of the pollution they cause and invite diseases. Write an article on the above problem in not more than 150 words.　　　　　　　　　　　　7 marks

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Class IX

M.M.-25 **Mathematics** **Time-30min**

Note: 1. All questions are compulsory

   2.The question paper is divided in four sections A,B,

   C and D

Section 'A'(One mark each)

1. What is the value of 'x' for which $\frac{6}{x}$ and $\frac{9}{12}$ are equal –

   (a) 6 (b) 8 (c) 7 (d) 5

2. Find the value of $\sqrt{12 + \sqrt{16}}$

   (a) 5 (b) 6 (c) 4 (d) -2

3. The value of $\left(20^{-1}\right)^{-1}$ is

   (a) 0 (b) 1 (c) 40 (d) 20

4. Discount percent is always calculated on

   (a) C.P. (b) S.P. (c) M.P. (d) None of these

5. The volume of a cylinder whose diameter is equal to its height is

   (a)$\pi r^3 h$ (b) $\frac{\pi h^3}{4}$ (c)$\frac{\pi r^3}{8}$ (d) $4\pi r^2$

Section 'B'(One mark each)

6. Find the area of a rhombus whose diagonals are of length 20cm and 18cm.

7. Solve for x : $2(x-3) = 4$

8. Verify Euler's Formula 'F + V - E = 2' for cuboid.

9. 72% of 25 students are good in mathematics. Find how many are not good in mathematics.

10. Find the volume of a cube whose edge is 5cm.

Section 'C' (Two marks each)

11. The measures of two adjacent angles of a parallelogram are in the ratio 3 : 2. Find the measure of each of the angles of the parallelogram.

12. Factorise $x^4 - 625$

13. Three consecutive numbers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers.

14. Find the square root of 256.

15. An almirah is sold at Rs.5,225 after allowing a discount of 5%. Find its marked price.

16. A bag contains 4 red balls, 7 white balls, 3 green balls and 6 black balls. If one ball is drawn at random, find the probability that it is

 (a) Black Ball

 (b) Not a Red Ball

Section 'D' (Three marks each)

17. Find the number of 20 cm×15 cm bricks required to have a 45 m ×20 m lane. Also find the cost of the bricks at the rate of Rs. 900 per thousand.

समयः– 30 मि0   हिन्दी   पूर्णांक– 25

प्र0 1:– निम्नलिखित शब्दों के दो–दो पर्यायवाची शब्द लिखिए–   2

1: तरू– ...., ...2: आज्ञा– ....

प्र0 2:– निम्नलिखित शब्दों के विपरीतार्थक शब्द लिखिए–   2

1: अनभिज्ञ–...................... 2: स्वार्थ–.........................

प्र0 3:– निम्नलिखित शब्दों के तद्भव शब्द लिखिए–   2

1: अक्षि–   2: इक्षु–

प्र0 4:– वाक्याँशों के लिए एक–एक शब्द लिखिए–   3

1: सोच विचार कर व्यय करने वाला–..................................

2: घृणा के योग्य–..................................

3: जिस पर काल का प्रभाव न पड़े–..................................

प्र0 5:– रेखांकित शब्दों के कारक बताइए–   3

1: **विवेक का** गाना बहुत मधुर है।–..................................

2: **छत पर** बंदर बैठा है।–..................................

3: उसने **घृणा से** मुँह फेर लिया।–..................................

प्र0 6:– निम्नलिखित वाक्यों में विशेषण के भेद लिखिए–   2

1: **उस** पुस्तक को मुझे दो।–..................................

2: मैं **नवीं** कक्षा के लिए परीक्षा दे रहा हूँ।–..................................

प्र0 7:– विग्रह करके समास का नाम लिखिए–   3

    1: अंधकूप–... ....

    2: आनंदमग्न–..................................... ....

    3: हरघड़ी–.. ....

प्र0 8:–निम्नलिखित मुहावरों को वाक्य प्रयोग कीजिए–   3

1: पानी उतारना–...

 2: नजरें चुराना–..

 3: ठोकरें खाना–...

ज्वार–..

प्र0 9:– निम्नलिखित विषयों में से किसी एक विषय पर सौ शब्दों में एक अनुच्छेद लिखिए–   5

    भ्रष्टाचार,   विज्ञापन का प्रभाव,   देश प्रेम

1. A is brother of B. B is sister of C. C is brother of D. How is D related to A?

    (a)   Brother   (b)   Sister   (c)   Brother or Sister   (d)   None of these

2. Raj walked 40 m towards North, took a left turn and walked 20 m. He again took a left turn and walked 40 m. How far and in which direction is he from the starting point?

    (a)   20 m East   (b)   20 m North   (c)   20 m South   (d)   20 m West

3. Four words are given below in which one word shows the group of other words, select the appropriate word to your answer.

    (a)   CPU   (b)   Computer   (c)   Mouse   (d)   Monitor

4. How many triangles are there in the given figure?

    (a)   8   (b)   6   (c)   10   (d)   5

5. If 'rain' is 'water', 'water' is 'road', 'road' is 'cloud', 'cloud' is 'sky', 'sky' is 'sea' and 'sea' is 'path', where do areoplanes fly?

    (a)   Road   (b)   Sea   (c)   Cloud   (d)   Water

6. If A = 2, M = 26, Z = 52 then BET = ?

    (a)   44   (b)   72   (c)   64   (d)   54

7. If 'FISH' is written as 'EHRG' in a certain code, how would 'JUNGLE' be written in that code?

    (a)   ITMFKD   (b)   ITNFKD   (c)   TIMFKD   (d)   KVOHMF

8. If in a code 'MASTER' is written as 'SAMRET', then how 'CARROT' be written in the same code?

    (a)   RACTOR   (b)   RCATRO   (c)   RCATOR   (d)   ARMTOR

For question 9 – 14, there is same relation between the two terms of the left of " : :" and the same relationship holds between the two terms to its right. Also in each question one term to the right of ": :" is missing. Find out this term from the given alternatives.

9. BC : FG : : GH : ?

    (a)   KH   (b)   KJ   (c)   KM   (d)   KL

10. 121 : 12 : : 25 : ?

    (a)   1   (b)   2   (c)   6   (d)   7

11. Time : Waste : : Money : ?

    (a)   Spend   (b)   Earn   (c)   Lose   (d)   Squander

12. Candle : Wax : : Paper : ?

    (a)   Pulp   (b)   Bamboo   (c)   Tree   (d)   Wood
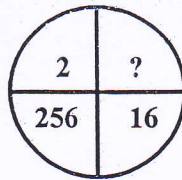
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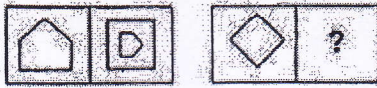
(a)   (b)   (c)   (d)

14. Lens : Refraction : : Prism : ?

   (a) Reflection   (b)   Dispersion   (c)   Emergence   (d)   Deviation

15. In a certain code, 415 means "milk is hot", 18 means "hot soup" and 895 means "soup is tasty". What number will indicate the word "tasty"?

   (a) 9   (b)   8   (c)   5   (d)   4

16. Find the missing number on the basis of common characteristics in the figure below:

   (a) 8   (b)   4   (c)   32   (d)   16

For question 17 – 19, arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.

17. 1. Eagle,   2. Earth,   3. Eager,   4. Early,   5. Each
    (a) 1, 5, 2, 4, 3   (b)   2, 1, 4, 3, 5   (c)   2, 3, 5, 4, 1   (d)   5, 3, 1, 4, 2

18. 1. Wound,   2. Writer,   3. Whiter,   4. Worst,   5. Worked
    (a) 1, 4, 3, 5, 2   (b)   2, 1, 3, 4, 5   (c)   3, 5, 4, 1, 2   (d)   5, 3, 2, 1, 4

19. 1. Brook,   2. Bandit,   3. Boisterous,   4. Baffle,   5. Bright
    (a) 2, 3, 4, 1, 5   (b)   2, 4, 3, 5, 1   (c)   4, 2, 3, 1, 5   (d)   4, 2, 3, 5, 1

For question 20 – 22, each of the following questions four words are given in which one word shows the group of others words, select the appropriate word to your answer.

20. (a)   House   (b)   Cottage   (c)   School   (d)   Palace
21. (a)   Sun   (b)   Universe   (c)   Star   (d)   Planets
22. (a)   Algebra   (b)   Geometry   (c)   Mathematics   (d)   Arithmetic

23. Recently, "Little India" roits happened in which country?

   (a) India   (b)   USA   (c)   Singapore   (d)   South Africa

24. Which country will host "Under-17 FIFA World Cup" in 2017 ?

   (a) Azerbaijan   (b)   India   (c)   Republic of Ireland   (d)   South Africa

25. Find the missing number in the series : 1, 4, 27, ____, 3125.

   (a) 70   (b)   64   (c)   256   (d)   512