ACHARYAKULAM SAMPLE PAPER
ENTRANCE EXAM
FOR CLASS - V

EXAM FORMAT AT A GLANCE

TIME : 3 HRS.   **MM : 100**

GK & CURRENT	E.V.S	MATHS	REASONING	ENGLISH	HINDI
10	25	25	10	20	10

GENERAL KNOWLEDGE

1. Who has recently been appointed as the new Vice Chief of Army Staff, India?
   (A) Bipin Rawat
   (B) M M Naravane
   (C) SK Saini
   (D) Abhay Krishna

2. Which organisation recently offered an indigenous multi-role chopper to the Indian armed forces?
   (A) Defence Research and Development Organisation (DRDO)
   (B) Hindustan Aeronautics Ltd (HAL)
   (C) Bharat Electronics Limited (BEL)
   (D) Larsen and Toubro (L&T)

3 When is the 'World Heart Day' celebrated annually?
   (A) September 27
   (B) September 29
   (C) September 30
   (D) October 1

4. Madhavpur Mela is a famous attraction of which state of India?
   (A) Rajasthan
   (B) Gujarat
   (C) Madhya Pradesh
   (D) Haryana

5. Nankana Sahib Gurdwara, recently seen in news is situated in which country?
   (A) India
   (B) Pakistan
   (C) Nepal
   (D) Bhutan

6. Where is Defence Institute of High-Altitude Research (DIHAR) of DRDO located?
   (A) Guwahati
   (B) Leh
   (C) Shimla
   (D) Gairsain

7. What is the theme of the 'National Science Day' 2020?
   (A) Children in Science
   (B) Youth in Science
   (C) Women in Science
   (D) Artificial Intelligence in Science

8. Where is the Indian Premier League's (IPL) 2020 edition to be held?
   (A) United Arab Emirates
   (B) Singapore
   (C) Malaysia
   (D) Sri Lanka

9. Which state has announced that its Covid-19 clusters have more than 50% of Community transmission?
   (A) Maharashtra
   (B) Kerala
   (C) Tamil Nadu
   (D) Karnataka

10. When is World Nature Conservation Day celebrated every year?
    (A) July 28
    (B) July 29
    (C) July 30
    (D) July 31

E.V.S

1. Moving to another country is called-
   (A) Mdemolition
   (B) lmmigration
   (C) Demolition
   (D) None

2. Members of a family live at different places and they meet each other on certain-
   (A) Occasions
   (B) Time period
   (C) Both
   (D) None

3. Honey bee colony consists of thousands of workers, one queen, and a few hundred…………,
   (A) King
   (B) Drones
   (C) Both
   (D) None

4. Modern towns and cities are ………………..by town planners.
   (A) Planned
   (B) Not planned
   (C) Sold
   (D) None

5. Burnt area should immediately immerse in school-
   (A) Water
   (B) Chemical
   (C) Both
   (D) None

6. Most of the homeless people are extremely-
   (A) Strong
   (B) Rich
   (C) Poor
   (D) None

7. Stephen Hawking is considered as the greatest-
   (A) Teacher
   (B) Musician
   (C) Sports person
   (D) Scientist

8. Smell of food influences it's-
   (A) Taste
   (B) Presentation
   (C) Colour
   (D) None

9. There are millions of …………………………….. in our body.
   (A) Bones
   (B) Cells
   (C) Nails
   (D) Teeth

10. Karate literally means 'empty hand'…….……………….
    (A) Fighting Nani
    (B) Writing
    (C) Colouring
    (D) None

11. Our body needs …………………………. to live.
    (A) Oxygen
    (B) Carbon dioxide
    (C) Sulphur dioxide
    (D) Nitrogen

12. Cows and buffaloes gives us-
    (A) Wool
    (B) Silk
    (C) Milk
    (D) Meat

13. Birds communicate by their-
    (A) Tails
    (B) Sounds
    (C) Wings
    (D) None

14. Chipko is a movement that primarily began in the hills of-
    (A) Kashmir
    (B) Sikkim
    (C) Garhwal
    (D) Nilgiri

15. A large area of land covered with many plants and trees is called-
    (A) Pond
    (B) Forest
    (C) Village
    (D) None

16. Food is mainly spoilt due to various-
    (A) Microorganisms
    (B) Micronutrients
    (C) Pet animals
    (D) Preservatives

17. Our nose help us to check ………………………… of the thing.
    (A) Taste
    (B) Colour
    (C) Smell
    (D) Feel

18. Leaves make food by a process called-
    (A) Breathing
    (B) Transpiration
    (C) Photosynthesis
    (D) Respiration

19.   About 78% of Earth's surface is covered with-
        (A) Forest
        (B) Water
        (C) Mountains
        (D) Deserts

20.   Fuel is a material that provides-
        (A) Energy
        (B) Food
        (C) Tools
        (D) Fire

21.   Bachendri pal was the……………… Indian woman to scale Mount Everest.
        (A) Second
        (B) First
        (C) Third
        (D) None

22.   Our historical buildings are known as……………… buildings.
        (A) High
        (B) Future
        (C) Heritage
        (D) None

23.   ………..build the magnificent Taj Mahal white marble.
        (A) Shahjahan
        (B) Akbar
        (C) Babar
        (D) Razia Sultan

24.   Early man lived by hunting wild animals and collecting edible-
        (A) Fruits
        (B) Pulses
        (C) Rice
        (D) None

25.   Farmers employ various methods to water their-
        (A) Playgrounds
        (B) Fields
        (C) Plot
        (D) None

MATHEMATICS

1. When two or more numbers are multiplied together then it is called_____.
    (A) factors
    (B) multiples
    (C) product
    (D) divisor

2. Prime Factorisation of 50 is _____.
    (A) $2 \times 5 \times 5$
    (B) $2 \times 5 \times 10 \times 2$
    (C) $2 \times 5 \times 6$
    (D) $2 \times 5 \times 7$

3. The fractions which have I as the numerator are called fraction.
    (A) proper
    (B) unit
    (C) improper
    (D) mixed

4. The short hand in the clock is called the _____.
    (A) hour hand
    (B) minute hand
    (C) second hand
    (D) days

5. What time was it 5 hours before 12 midnight?
    (A) 6 p.m.
    (B) 7 p.m.
    (C) 8 p.m.
    (D) 9 p.m.

6. $3925 + 4872 = 4872 +$ _____
    (A) 4872
    (B) 3925
    (C) 0
    (D) 8797

7. $5394 - 5394 =$ _____
    (A) 5394
    (B) 5391
    (C) 0
    (D) 5393

8. The number 1000 more than 10,000 is
    (A) 11,000
    (B) 9,000
    (C) 8,000
    (D) 1,000

9. 4 th multiple of 9 + 6th multiple of 2 is.
    (A) 46
    (B) 47
    (C) 48
    (D) 49

10. $\frac{2}{3}$ or 63 equals

    (A) 42

    (B) 43

    (C) 44

    (D) 45

11. Which number correctly completes the number sentence $80 \times 34 =$ ___?

    (A) 272

    (B) 560

    (C) 1,920

    (D) 2,720

12. The largest 4-digit number is _____.

13. The perimeter of a square whose side is 16 cm is _____.

14. Mixed fraction of $\frac{47}{6}$ is

15. In Roman numeral, 40 is represented as

    (A) LX

    (B) XXL

    (C) XXXX

    (D) XL

16. What is $92.53 \div 10$?

    (A) 0.9253

    (B) 9.253

    (C) 92.53

    (D) 925.3

17. 5 paisa is which part of rupee 1?

    (A) $\frac{1}{10}$

    (B) $\frac{1}{50}$

    (C) $\frac{1}{20}$

    (D) 20

18. $4+4+4 \div 2 =$?

    (A) 10

    (B) 6

    (C) 8

    (D) 16

19. $5x = 25$, then x is:

    (A) 5

    (B) 15

    (C) 10

    (D) 1

20. Value of $\frac{1}{3} x \frac{1}{3} \div \frac{1}{9} + 1$ is :

    (A) 1

    (B) 0

    (C) 2

    (D) 9

21. Perimeter of a rectangle =
    (A) Length × Breadth
    (B) Length + Breadth
    (C) 2 × (Length + Breadth)
    (D) 2 × (Length × Breadth).
22. Perimeter of an equilateral triangle ?
    (A) 2 × Length of a side
    (B) 3 × Length of a side
    (C) 4 × Length of a side
    (D) 6 x Length of a side.
23. Apala went to a park 20 m long and 10 m wide. She took one complete round of it.
    The distance covered by her is
    (A) 30 m
    (B) 60 m
    (C) 20 m
    (D) 10 m.
24. The smallest whole number is
    (A) 0
    (B) 1
    (C) -1
    (D) none of these
25. Which of the following is true?
    (A) 210 > 201
    (B) 210 < 201
    (C) 210 = 201
    (D) none of these.

REASONING

Q1.Find the missing number in the place of '7' in the following.

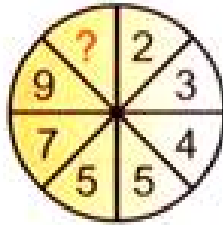| 1	4	?
4	2	5
2	2	3
7	8	13

A) 3

B) 4

C) 5

D) 6

Q2.Find the missing number in the place of ?' in the following.
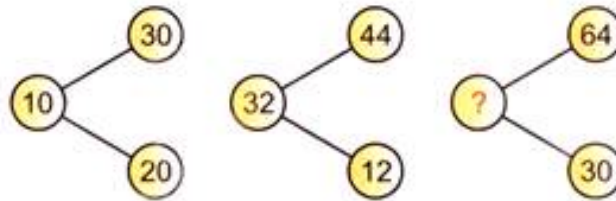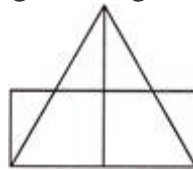

A) 30

B) 34

C) 90

D) 94

Q3. Find the missing number in the place of 'T in the following.
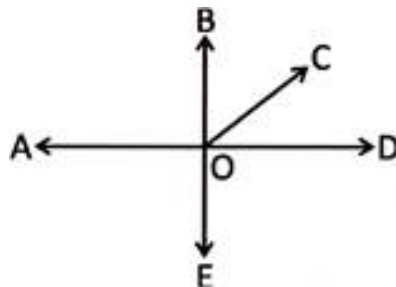

A) 10

B) 11

C) 12

D) 13

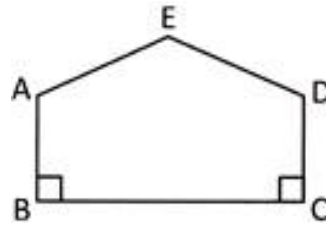Q4. How many triangles are there in the given figure?

A) 8

B) 9

C) 7

D) 6

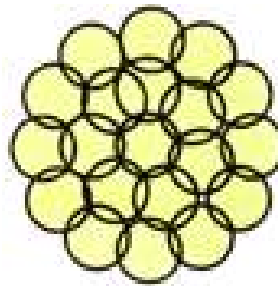Q5. How many rays are there in the given figure?

A) 4

B) 5

C) 6

D) 7

Q6. How many obtuse angles are there in the figure given below?

A) Two

B) Five

C) Four

D) Three

Q7.Number of circles in the given figure is_____.

A) 20

B) 22

C) 24

D) 28

Q8.If code of 'EL' is 'GN', then find the code of 'BD'.

A) CE

B) BC

C) DF

D) DP

Answer: C

Q8. If code for 'TEAM' = 'MAET, then code for 'HEAR' = ...
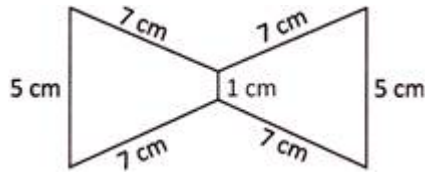
A) EHAR

B) AEHR

C) RAEH

D) AERH

Q9. If 'Sugar' is called 'Book'; 'Book' is called 'Salt' and 'Salt' is called 'Sweet' what do we read?

A) Sugar

B) Sweet

C) Book

D) Salt

Answer: D

Q10. Perimeter of the figure given below is:

A) 38 cm

B) 37 cm

C) 39 cm

D) 40 cm

ENGLISH

1. Fill in the blank with a suitable adjective to complete the simile.
   as _____ as a fox
   (A) busy
   (B) strong
   (C) sly
   (D) white

2. Choose the best word to complete the sentence.
   What _____ the kids doing when you last saw them?
   (A) Was
   (B) Were
   (C) Has
   (D) Have

3. Rearrange the words to form meaningful sentence.
   is an/ he/ cook/ excellent
   a   b   c   d
   (A) badc
   (B) dbac
   (C) acdb
   (D) cdba

4. Select the correct meaning of the underlined proverb/idiom from the given options.
   Everyone in the town knows that Mr. Matthew has a heart of gold.
   (A) Mr Matthew has an artificial heart
   (B) Mr Matthew is very selfish.
   (C) Mr Matthew is very kind and generous.
   (D) Mr Matthew is very rich.

5. Select the option which is different from the rest of the three.
   (A) sad
   (B) cheerful
   (C) jovial
   (D) festive

6. Which one of the following is an imaginary statement?
   (A) Flowers are coloured
   (B) Some flowers are roses.
   (C) All flowers are orange in colour.
   (D) Some flowers hide small insects.

7. In which story would you find a famous teenage wizard?
   (A) The little Mermaid
   (B) Geronimo Stilton
   (C) Harry Potter
   (D) Diary of a Wimpy Kid

8. Identify the type of noun- **Gold.**
   (A) Abstract Noun
   (B) Proper Noun
   (C) Material Noun
   (D) Common Noun

9. Identify the kind of sentence
   Hurrah! We won the competition.
   (A) assertive
   (B) exclamatory
   (C) imperative
   (D) interrogative

10. Choose the correct pronoun to complete the sentence.
    The town _____ is not very large.
    (A) itself
    (B) there
    (C) themselves
    (D) here

11. Fill in the blank with the correct degree of adjective.
    I find English_____ .
    (A) difficult
    (B) more difficult than
    (C) most difficult than
    (D) difficultest

12. Choose the correct preposition to complete the sentence.
    She is fond _____ singing.
    (A) on
    (B) by
    (C) at
    (D) of

13. Select the correct article and fill in the blank.
    The speed of this car is 150 km _____ hour.
    (A) a
    (B) an
    (C) the
    (D) none of these

14. Out of the four given options select the synonym of Quest.
    (A) hide
    (B) agitate
    (C) request
    (D) search

15. Choose the most probable conjunction among the given choices to complete the sentence.
    Manu saw many castles _____ palaces in Jodhpur.
    (A) but
    (B) or
    (C) and
    (D) because

16. Select the option that forms the second pair similar to the first pair.
    Murder: Crows :: Parliament:
    (A) owls
    (B) doves
    (C) sparrows
    (D) eagles

17. Choose the word that best expresses the meaning of the word **'Monarch'**.
    (A) Poet
    (B) Actor
    (C) Man
    (D) King
18. Read the following sentence and choose the part of the sentence that has an error.
    On entering the room the cupboard were found broken.
    (A) On entering
    (B) the room
    (C) the cupboard
    (D) were found broken
19. Choose the wrongly-spelt word from the options given below.
    (A) Millennium
    (B) Accommodation
    (C) Academic
    (D) Occassion
20. Which of the following is the correct Homophone of **'Would'**?
    (A) Wood
    (B) Could
    (C) Wide
    (D) Did

हिन्दी

1. इस भाषा की लिपि देवनागरी नहीं है –
   (A) हिंदी
   (B) संस्कृत
   (C) मराठी
   (D) कश्मीरी

2. मौखिक भाषा में विचारों का आदान-प्रदान इस प्रकार किया जाता है-
   (A) भाषा को सुनकर
   (B) भाषा को बोलकर
   (C) भाषा को देखकर
   (D) बिना कुछ किये

3. इनमें से आगत स्वर हैं –
   (A) आ
   (B) ए
   (C) उ
   (D) ऑ

4. इनमे से कौन-सा शब्द संज्ञा नहीं है-
   (A) मिठास
   (B) बुढ़ापा
   (C) दिल्ली
   (D) उसका

5. इनमें से स्त्रीलिंग शब्द हैं –
   (A) भारत
   (B) पृथ्वी
   (C) नेता
   (D) पानी

6. इनमें से बहुवचन शब्द हैं –
   (A) भीड़
   (B) B आँसू
   (C) C जनता
   (D) D सभी

7. 'कमाना' से बना विशेषण है-
   (A) कमाना
   (B) कमाई
   (C) कमा
   (D) कमानापन

8. इनमें से विशेषण है –
   (A) जंगल
   (B) जंगली
   (C) पेड़
   (D) बगीचा

9. इनमें से सकर्मक क्रिया है –
   (A) बालक हँसता है |
   (B) रोहन भागता है |
   (C) चिड़िया उडती है |
   (D) आराध्या लिख रही है |

10. ' शायद मैं जाऊं'| यह वाक्य किस काल में है ?
    (A) भूतकाल
    (B) भविष्य काल
    (C) वर्तमान काल
    (D) तीनों कालों में