

**Class - VII**

**Time Limit : 1 hour**

**समय सीमा: 1 घण्टा**

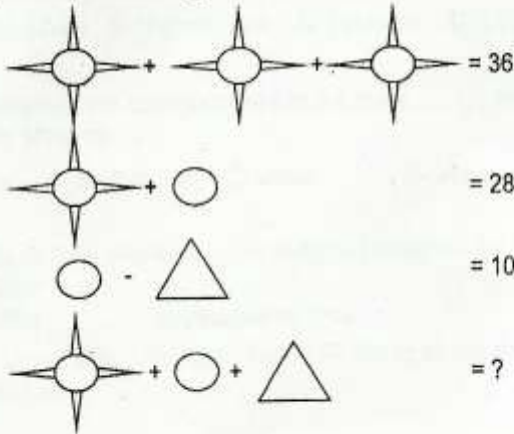
**Questions are present in English & Hindi**

**प्रश्न अंग्रेजी व हिन्दी में दिये गये हैं**

**All Questions Carry Same Marks**

**सभी प्रश्न समान अंक के हैं**

1) Find out the missing number from the following diagram.



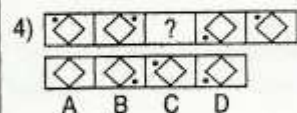
A- 30      B-32      C-34      D-36

2) Find the last number of the following number series  
10, 16, 13, 39, 35, ?

A- 75      B-100      C-130      D-140

3) Which of the following would result in a value of 10.  
If 'X' means subtract '÷' means multiply '+' means divide and '-' means add.

- A-  $15+12 \times 3 \div 2-3$   
B-  $15 \times 12 \div 3+2-3$   
C-  $15+12 \times 3-2 \div 3$   
D-  $15 \times 12 \div 3+2-3$



5) What is the missing number ?



A- 22      B- 24      C- 28      D-27

6) Who was the last Mughal ruler in India ?

A- Akbar      B- Aurangzeb      C- Babur      D- Bahadur Shah Zafar

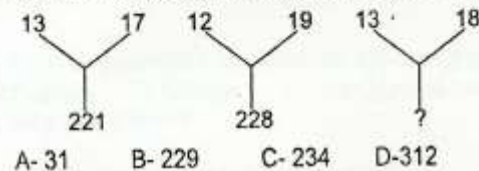
6) मुगल सल्तनत का आखिरी बादशाह कौन था ?

A- अकबर      B- औरंगजेब      C- बाबर      D- बहादुर शाह जफर

7) In a certain code MONKEY is X DJMNL, how is "TIGER" written as ?

A- QDFHD      B- SDFHS      C- SHFDQ      D- UJHFS

8) Find the missing number from the given response.



A- 31      B- 229      C- 234      D- 312

9) If the day before yesterday was Thursday, When will Sunday be?

A- Tomorrow      B- Day after tomorrow  
C- Today      D- Two days after today

10) Which number is odd in the given series ?

1, 9, 25, 50, 81  
A- 1      B- 25      C- 50      D- 81

11) Choose the one which expresses the right meaning of the given word- Dubious

A- Doubtful      B- Disputable      C- Duplicate      D- Dangerous

12) Choose the word opposite in meaning to the given word.  
DESPAIR

A- Belief      B- Trust      C- Hope      D- Faith

13) For PECULIAR related word which means the same is-

A- Characteristic      B- Special      C- Specific      D- Universal

14) A disinterested king is .....

A- Sly      B- Partial      C- Impartial      D- Blunt

15) Choose the incorrect word in the given sentence.

'Our college has good furnitures'

A- Good      B- Our      C- Furnitures      D- Has

16) Choose the Correct phrase for underlined Idiom: having decided to elope, she was prepared to face the music.

A- To face difficulties boldly.  
B- To throw a grand party.  
C- To pay for a nice musical concert  
D- To defy her boss.

17) Choose the better substitution of underlined part.

"All the boys and girls in the class must stand to attention when the National Anthem is Sung," said the teacher.

A- Each boy and girl      B- Any boy and girl  
C- Boy and girl      D- No improvement

18) Choose the most correct word for Attain

A- Attend      B- Achieve      C- Maintain      D- Obtain



19) At last the Principal had to \_\_\_\_\_ to the genuine demands of the students.

- A- Accede B- Exceed C- Except D- Accept

20) The weather \_\_\_\_\_ for today said there would be dust storms in the north and the west.

- A- Warning B- Forecast C- Forewarning D- Prospect

21) Select the synonym (has the same meaning) for the mass of air surrounding the earth.

- A- Atmosphere B- Hydrosphere C- Pressure D- Lithosphere

22) Hardly had the teacher come into the class ..... the students stood up

- A- then B- than C- when D- whence

23) Pick up from answer choices which will complete the sentence correctly.

So quickly \_\_\_\_\_ he reached on time.

- A- did he run that B- he ran that C- Would be run that D- he ran as

24) These days, my house is under \_\_\_\_\_

- A- the repairs B- Repairs C- the repair D- repair

25) Select the pair of words as WIND : AIR ::

- A- Request: Command B- Ocean : Sea  
C- Government: Legislator D- Master : Servant

26) Vector quantity means-

- A- Mass B- Weight C- Direction D- Non-directional

26) वेक्टर मात्रा का अर्थ है

- A- द्रव्यमान B- भार C- दिशा D- गैर दिशात्मक

27) The unit of electric current is-

- A- Voltage B- Ohm C- mho D- Ampere

27) विद्युत प्रवाह की इकाई है ?

- A- वोल्टेज B- ओम C- महो D- एम्पेयर

28) Density (घनत्व) of a substance is-

- A- V/M B- M/V C- I/v D- V/t

29) Which energy is related to movement of particles of a substance.

- A- Potential energy B- Kinetic energy C- Heat D- Pressure

29) जो ऊर्जा कणों के गति से उत्पन्न हो

- A- स्थितिज ऊर्जा B- गतिज ऊर्जा C- ताप D- दबाव

30) Which mixture is separated by the method of filtration.

- A- Sugar and water B- Sand and water  
C- Oil and water D- Sugar and salt

30) कौन सा मिश्रण फिल्टरेशन की क्रिया से अलग करा जाता है।

- A- चीनी व पानी B- रेत व पानी  
C- तेल व पानी D- चीनी व नमक

31- Which is an oscillatory motion-

- A- Movement of wheel B- A car moving on the road  
C- Pendulum D- Jumping

31- इनमें से कौन सा औसिलेटरी गति है

- A- चक्र व पहिये की गति B- एक वाहन की सड़क  
C- पेनडुलम D- कूदना

32- What is responsible for difference between mass and weight ?

- A- Distance B- Charge C- Gravitational force  
D- None of the above

32- भार और द्रव्यमान में अंतर का कारण क्या है ?

- A- दूरी B- आवेश C- गुरुत्वाकर्षण  
D- इनमें से कोई नहीं

33- The property which opposes the flow of current in a closed circuit is \_\_\_\_\_.

- A- Voltage B- Resistance C- Both (A) & (B)  
D- None of the above

33- वह गुण जो एक पूर्ण सर्किट में विद्युत प्रवाह का अवरोधक है ?

- A- वोल्टेज B- प्रतिरोध C- दोनों  
D- उपर्युक्त नहीं

34- Which is a translucent body ?

- A- Clear glass B- Wood C- Cellophane Paper  
D- All (A), (B) and (C)

34- इनमें से कौन सी एक पारदर्शी वस्तु है ?

- A- साफ काँच (शीशा) B- लकड़ी C- सिलोफन कागज  
D- सभी तीन

35- S.I. Unit of speed is \_\_\_\_\_

- A- M/Sec B- Km/hr C- Dc/Sec D- None of the above

35- पद्धति/S.I. में गति की इकाई है.....

- A- मी/सेक B- कि०मी०/घंटा C- डी/सेक D- एक भी नहीं

36- Acids taste \_\_\_\_\_

- A- Sour B- Sweet C- Sour and Sweet D- Tasteless

36- एसिड स्वाद में कैसा होता है ?

- A- खट्टा B- मीठा C- खट्टा- मीठा D- बेस्वाद

37- A merry go round is an example of what kind of motion ?

- A- Oscillatory B- Vibratory C- Translatory D- Circulatory

37- Merry go round किस गति का उदाहरण है

- A- ओसिलेटरी B- कंपन गति C- रूपांतरित गति D- फिरनेवाली गति

38- The nucleus of an atom consists of \_\_\_\_\_

- A- Electron and neutron B- Protons and neutrons  
C- electrons and protons D- All the above

38- एक अणु के केन्द्र में ----- होते हैं

- A- इलेक्ट्रॉन व न्यूट्रॉन B- प्रोटॉन व न्यूट्रॉन  
C- इलेक्ट्रॉन व प्रोटॉन D- उपर्युक्त सभी

39- Hydrogen bomb is based on the principle of

- A- Nuclear fusion B- Nuclear Fission  
C- Radio activity D- Chemical reaction

39- हाइड्रोजन बम किस सिद्धांत पर आधारित है

- A- परमाणु संलयन B- परमाणु विखंडन  
C- रेडियोधर्मिता D- रासायनिक प्रतिक्रिया

40- At a particular temp, If we increase pressure the volume of a gas

- A- Increases B- Decreases C- No effect  
D- Sometimes increases and then decreases

40- किसी एक ताप पर अगर हम गैस का दबाव बढ़ाएंगे तो उसका आयतन

- A- बढ़ेगा B- घटेगा C- कोई बदलाव नहीं  
D- कभी बढ़ेगा, कभी घटेगा

41- What is used by white blood cells to kill the invading bacteria.

- A- Oxygen B- Carbon dioxide C- Nitrogen D- Chlorine

41- सफेद रक्त कोशिका को आने वाले जीवाणु को मारने में क्या मदद करता है?

- A- ऑक्सीजन B- कार्बनडाई ऑक्साइड C- नाइट्रोजन D- क्लोरीन

42- Which of the following organism can do anaerobic respiration?

- A- Yeast B- Amoeba C- Fish

42- इनमें से कौन से जीव अवायवीय श्वसन करते हैं-

- A- खमीर B- जोंक C- अमीबा D- मछली

43- Name the chemical used to test the presence of  $\text{CO}_2$  in exhaled air.

- A- Lime Juice B- Lime Water C- Lime Stone D- Quick lime

43- कौन सा रसायन बाहरी श्वास में  $\text{CO}_2$  की मौजूदगी बताता है

- A- Lime Juice B- Lime Water C- Lime Stone D- Quick lime

44- The number of times a person breathes in a \_\_\_\_\_ a termed as breathing rate?

- A- Second B- Minute C- Hour D- Day

45- Chest cavity is surrounded by

- A- 12 Pair of ribs B- 10 Pair of ribs  
C- 11 Pair of ribs D- 25 ribs

45- छाती गुहा इनमें से किससे घिरा हुआ होता है-

- A- बारह जोड़ी पसलियाँ B- दस जोड़ी पसलियाँ  
C- ग्यारह जोड़ी पसलियाँ D- पच्चीस पसलियाँ

46- Wind pipe is called

- A- Oesophagus B- Trachea C- Bronchus  
D- Nasal Cavity

46- स्वांश नली को ----- कहते हैं

- A- घेंघा B- ट्रेकिया C- ब्रॉकस  
D- नाक गुहा

47- An object that shines on its own is called a

- A- White body B- Luminous body  
C- Mirror D- all of these

48- Reproduction takes place in bacteria is

- A- Sexual B- Budding  
C- binary fission D- both (A) and (C)

49-  $\text{CO}_2$  in the atmosphere has tendency to absorb

heat energy radiated by the earth. This absorption of heat by  $\text{CO}_2$  is known as \_\_\_\_\_

- A- Adsorption B- Desorption  
C- Tyndall effect D- Green house effect

50- The three Rs to save the environment are

- A- Remember, Reduce, Reuse B- Recall, Reduce, Refund  
C- Reduce, Recycle, Reuse D- Reduce, Refund, Reuse