

Discover the Star within you and Get Rewarded

Sample Paper

CAREER POINT STAR

Scholastic Test for Analysis and Reward

CLASS - 7th

(Class 7th Studying Students)

Duration: 1:00 hours

Maximum Marks: 100

Instructions to Candidates

- CP Star Test paper consists of total 50 questions and has been divided in three sections as follows:

a. Science	24 Questions	Que. No. 01 to 24
b. Maths	16 Questions	Que. No. 25 to 40
c. Mental Ability	10 Questions	Que. No. 41 to 50
- All questions are compulsory.
- All the answers will be encircled in OMR sheet which is being provided along with this paper.
- For every correct answer marked by you, **2** marks will be allotted.
- For every incorrect answer marked by you, **0** marks will be deducted.
- Use of calculator is not permitted in any case.
- Any kind of malpractice will expel you from exam immediately.
- For any confusion please talk to the invigilator in the examination hall.
- For any kind of suggestions or complaints send Email at cpinfo@cpuniverse.in



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निरीक्षक के अनुदेशों के बिना पेपर न खोलें

SCIENCE

Q.1 In an electric cell, the metal cap represents:

- (1) Negative terminal
- (2) Positive terminal
- (3) Neutral terminal
- (4) None of these

Q.2 Which of the following statements about an LED is correct?

- (1) It has a filament that glows when current passes.
- (2) It can allow current in both directions.
- (3) It glows only when connected in correct polarity.
- (4) It does not need a battery to glow.

Q.3 A switch in the OFF position means:

- (1) The circuit is complete and current flows.
- (2) The circuit is open and no current flows.
- (3) The circuit is overloaded.
- (4) The cell has no charge.

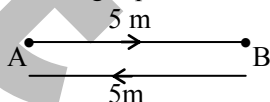
Q.4 Which material is a good conductor of electricity?

- (1) Rubber (2) Plastic (3) Copper (4) Wood

Q.5 Convert 1m^2 into cm^2 by:

- (1) 10^5cm^2 (2) 10^4cm^2
- (3) 10^6cm^2 (4) 10^{-5}cm^2

Q.6 If a body goes from A to B and returns from B to A and total time for journey is 2 sec. Calculate average speed:



- (1) 10 m/s (2) 5 m/s
- (3) 15 m/s (4) None of these

Q.7 When the distance an object travels is directly proportional to the length of time, it is said to travel with:

- (1) zero velocity
- (2) constant speed
- (3) constant acceleration
- (4) uniform velocity

Q.8 Which of the following statements is correct?

- (1) The basic unit of time is the second
- (2) Every object moves with a constant speed
- (3) The distance between two cities is measured in meters
- (4) The time period of a given pendulum is not constant

Q.9 The word acid comes from the Latin word 'acidus' which means

- (1) Sweet (2) Salty
- (3) Neutral (4) Sour

Q.10 Substances which are bitter in taste, feel soapy on touch are known as

- (1) Acids (2) Bases
- (3) Indicators (4) Neutral Solution

Q.11 Common name of H_2SO_4 is

- (1) green vitriol (2) muriatic vitriol
- (3) blue vitriol (4) oil of vitriol

Q.12 A base which dissolves in water is called

- (1) a soluble base (2) an alkali
- (3) an acid (4) an oxide

Q.13 Photosynthesis is a

- (1) physical change (2) chemical change
- (3) both (1) and (2) (4) none of these

Space for rough work

- Q.14** During all changes physical or chemical, mass is -
 (1) gained (2) conserved
 (3) loss (4) none of these
- Q.15** Which one of the following is a chemical change -
 (1) photosynthesis (2) combustion
 (3) digestion of food (4) all of the above
- Q.16** When carbon dioxide gas is passed through lime water then it turns
 (1) red. (2) blue.
 (3) yellow. (4) milky.
- Q.17** Autotrophs produce their food by the activation of -
 (1) CO₂ (2) water
 (3) chlorophyll (4) Oxygen
- Q.18** Photosynthesis mainly takes place in -
 (1) leaf (2) fruit
 (3) root (4) node
- Q.19** Major nutrients required for the growth of plants -
 (1) Nitrogen (2) Potassium
 (3) Phosphorus (4) All of these
- Q.20** Fungi is considered as in nature.
 (1) producer (2) holozoic
 (3) parasite (4) decomposer
- Q.21** The steps of nutrition by which the organism utilize digested food is -
 (1) Absorption (2) Excretion
 (3) Assimilation (4) Ingestion
- Q.22** Mode of nutrition in Amoeba is -
 (1) Saprotrophic (2) Holozoic
 (3) Parasitic (4) Symbiotic
- Q.23** The other name of food pipe is -
 (1) Pharynx (2) Small Intestine
 (3) Oesophagus (4) Large Intestine
- Q.24** The part of tongue that helps in the detection of taste is
 (1) polyp (2) taste buds
 (3) taste nodules (4) taste organ

MATHEMATICS

- Q.25** The set of integers is not closed under -
 (1) Addition (2) Subtraction
 (3) Multiplication (4) Division
- Q.26** Fill in the blank :
 $-30 \div (-5) \div (-2) \dots\dots\dots -16 \div 4$
 (1) < (2) >
 (3) = (4) None of these
- Q.27** Which number completes the equivalent fraction? $\frac{3}{8} = \frac{9}{?}$
 (1) 14 (2) 24
 (3) 27 (4) None of these

Space for rough work

Q.28 A book case is 2.38 m tall and the height of each shelf is 34 cm. How many shelves are there ?

- (1) 7 (2) 17 (3) 70 (4) 8

Q.29 The mean of three numbers is 40. All the three numbers are different natural numbers. If lowest is 19, what could be highest possible number of remaining two numbers?

- (1) 81 (2) 40 (3) 100 (4) 71

Q.30 The median of the data : 19, 17, 14, 13, 12, 11, 18, 10, 7, 9, 11 is :

- (1) 11 (2) 12 (3) 14 (4) 13

Q.31 The probability of getting a head when a coin is tossed is

- (1) $\frac{1}{3}$ (2) $\frac{2}{3}$ (3) $\frac{1}{2}$ (4) 1

Q.32 Which of the following equations can be formed using the expression $x = 5$:

- (1) $2x + 3 = 13$ (2) $3x + 2 = 13$
(3) $x - 5 = 1$ (4) $4x - 9 = 21$

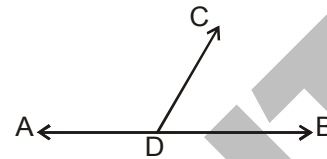
Q.33 Find a number which when multiplied by 3 and then 5 is subtracted, the result is 1.

- (1) 2 (2) 3 (3) 4 (4) 5

Q.34 Solve : $\frac{x+b}{a-b} = \frac{x-b}{a+b}$.

- (1) a (2) 2a (3) -a (4) -2a

Q.35 Value of $\angle ADC$ if $\angle BDC = 60^\circ$, is



- (1) 120° (2) 90° (3) 60° (4) 45°

Q.36 When a transversal cuts two parallel lines, then number of pairs of corresponding angles formed are

- (1) 5 (2) 4 (3) 3 (4) 2

Q.37 A line which intersects two or more given lines at different points is called

- (1) intersecting line (2) parallel line
(3) transversal line (4) none of these

Q.38 A triangle always has

- (1) Exactly one acute angle
(2) Exactly two acute angles
(3) At least two acute angles
(4) No acute angle

Q.39 In a $\triangle ABC$, if $AB + BC = 10$ cm, $BC + CA = 12$ cm, $CA + AB = 16$ cm, then the perimeter of the triangle is

- (1) 19 cm (2) 17 cm (3) 28 cm (4) 22 cm

Q.40 Two chimneys 18 m and 13 m high stand upright on a ground. If their feet is 12 m apart, then the distance between their tops is :

- (1) 5 m (2) 31 m (3) 13 m (4) 18 m

Space for rough work

MAT**Q.41** Find the missing term :

3, 8, 15, 24, ?

- (1) 28 (2) 32 (3) 35 (4) 36

Q.42 Find the wrong term :

297, 272, 245, 216, 185, 153, 117

- (1) 117 (2) 153 (3) 185 (4) 216

Q.43 Find the missing term :

MTH, QRK, UPN, YNQ, ?

- (1) CKT (2) CLT (3) ELT (4) EKT

Q.44 Find the wrong term :

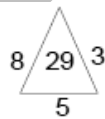
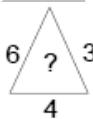
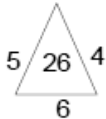
P3C, R5F, T8I, V12L, X18O, Z23R

- (1) V12L (2) X18O (3) Z23R (4) R5F

Q.45 Find the missing term :

P	T	?
O	Q	S
M	N	R

- (1) I (2) L (3) O (4) U

Q.46 Find the missing term :

- (1) 32 (2) 22 (3) 18 (4) 27

Directions (Q.47 & Q.48) : Each of the following questions is based on the following alphabet series.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Q.47 Which letter is the seventh to the right of the thirteenth letter from your right ?

- (1) S (2) T (3) U (4) V

Q.48 If the first and the second letters interchange their positions and similarly the third and the fourth letters, the fifth and the sixth letters and so on, which letter will be the seventeenth from your right :

- (1) F (2) H (3) I (4) J

Q.49 If DEER = 12215 and HIGH = 5645, how will you code HEEL ?

- (1) 2328 (2) 3449 (3) 4337 (4) 5229

Q.50 If 'orange' is called 'butter', 'butter' is called 'soap', 'soap' is called 'ink', 'ink' is called 'honey' and 'honey' is called 'orange', which of the following is used in pen ?

- (1) Honey (2) Butter
-
- (3) Orange (4) Soap

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