

108/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The curve _____ is commonly used in teeth profile of helical gears, profile of cams etc.
(A) Spiral (B) Helix
(C) Involute (D) Cycloid
2. The standard size length to width ratio for all arrow heads in drawings is :
(A) 2:1 (B) 4:1
(C) 3:1 (D) 2:4
3. In a whole circle bearing system, S 25°15' E corresponds to :
(A) 115°15' (B) 154°45'
(C) 205°15' (D) 334°45'
4. The image formed by the objective in the plate of cross hairs is :
(A) Real and Straight (B) Real and Inverted
(C) Contour interval (D) Contour gradient
5. The main principal of surveying is to :
(A) Work from left to right (B) Work from right to left
(C) Work from whole to the part (D) Work from part to the whole
6. The plan and elevation of a line segment are seen coincides, the line is situated in the :
(A) First quadrant (B) Second quadrant
(C) Third quadrant (D) Quadrental axis
7. The inner details of an object, not visible from outside are represented by :
(A) Dashed line (B) Dot and dashed line
(C) Chain line (D) Zig-zag line
8. A four sided figure having two pairs of sides parallel is called a :
(A) Rhomboid (B) Regular polygon
(C) Pentagon (D) Trapezoid

9. The center of the super scribed circle is called :
- (A) In center (B) Circum center
(C) Center of curvature (D) Center of vision
10. _____ is used to read up to three dimensions.
- (A) Plain scale (B) Diagonal scale
(C) Offset rod (D) Ranging rod
11. RF = 200:1 Represents a :
- (A) Enlarged scale (B) Reduced scale
(C) Full size scale (D) Comparative scale
12. The co-efficient of painting for fully panelled window is :
- (A) 2.25 (B) 2.00
(C) 1.5 (D) 1.00
13. The value at the end of the utility period is :
- (A) Book value (B) Scrap value
(C) Salvage value (D) Market value
14. While submitting tender the contractor is to deposit 2% of estimated cost as :
- (A) Securing money (B) Profit money
(C) Capital money (D) Earnest money
15. All the work executed shall be measured and entered in a permanent record is called :
- (A) Account book (B) Field book
(C) M book (D) Personal book
16. As per is 459-1978, the concrete mix are designed into :
- (A) 4 Grads (B) 6 Grads
(C) 5 Grads (D) 7 Grads
17. The unit of R.C.C work is :
- (A) 1 dm³ (B) 10 dm²
(C) 10 dm³ (D) 1 m³