

ಕರ್ನಾಟಕ ಪ್ರೌಢಶಿಕ್ಷಣ ಪರೀಕ್ಷಾ ಮಂಡಳಿ
6ನೇ ಅಡ್ಡರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560003.
KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD
6th Cross, Malleshwaram, Bengaluru - 560003.

ಬಹು ಆಯ್ಕೆ ಪ್ರಶ್ನೆ ಆಧಾರಿತ ಮಾದರಿ ಪ್ರಶ್ನೆಪತ್ರಿಕೆ
Multiple Choice Question Based Model Question Paper
2020 - 21

ಪತ್ರಿಕೆ / PAPER - 03

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್ - 2

Subject : Engineering graphics - 2

ಮಾಧ್ಯಮ / Medium : English

ಸಂಕೇತ ಸಂಖ್ಯೆ : 72E]

[Code No : 72E

ಸಮಯ : 02.30 ಘಂಟೆ]

[Time : 02.30 Hours

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 50 + 25 = 75]

[Total No. of Questions : 50 + 25 = 75

ಗರಿಷ್ಠ ಅಂಕಗಳು: 50 + 25 = 75]

[Max. Marks: 50 + 25 = 75

Four choices are given for each of the questions/incomplete statements. Choose the correct answer and shade the correct choice in the OMR given to you with a black / blue ball point pen.

25 x 1 = 25

51. A device which combines the functions of a T-square setsquare, protractor and scale is called
- A. templates
B. fasteners
C. minidrafter
D. combination set
52. Hidden lines are drawn as
- A. long dashed dotted narrow line
B. dashed wide line
C. long dashed dotted wide line
D. dashed narrow line
53. When dimensions are specified from a common origin and placed parallel to one another is called
- A. parallel dimensioning
B. chain dimensioning
C. co-ordinate dimensioning
D. combined dimensioning
54. Maximum possible exterior angle in a regular polygon is
- A. 90^0
B. 120^0
C. 60^0
D. 135^0
55. A right circular cone when cut by a plane parallel to its generator the curve obtained is a
- A. ellipse
B. parabola
C. hyperbola
D. circle

56. A point whose elevation and plan are above xy is situated in
 A. second quadrant
 B. third quadrant
 C. first quadrant
 D. fourth quadrant
57. If the front view of a line is parallel to the xy its true length is shown in
 A. front view
 B. side view
 C. both front & top views
 D. top view
58. In orthographic projections the visual rays are assumed to
 A. diverge from station point
 B. converge from station point
 C. be parallel
 D. be vertical
59. The top view of the object is projected on the
 A. profile plane
 B. vertical plane
 C. auxiliary plane
 D. horizontal plane
60. In orthographic views the height dimension on object is seen in
 A. front and top
 B. front and side
 C. top and left side
 D. top and right side
61. An object shown by more than one views in a drawing is called
 A. Multiview drawing
 B. prespective drawing
 C. oblique drawing
 D. isometric drawing
62. For orthographic projections B.I.S recommends the following projection
 A. fourth-angle projection
 B. third-angle projection
 C. first-angle projection
 D. second-angle projection
63. A solid having minimum number of faces is
 A. cube
 B. Tetrahedron
 C. triangular prism
 D. square pyramid
64. If three orthographic views of a sphere containing a cylindrical hole are drawn, the maximum number of circles that may appear altogether
 A. 1
 B. 4
 C. 3
 D. 6
65. Number of faces in a dodecahedron are
 A. 12
 B. 20
 C. 8
 D. 4

66. A tetra hedron is resting on its face on the H.P with a side parallel to the V.P its front view will be
- | | |
|----------------------------|-------------------------|
| A. scalene triangle | B. equilateral triangle |
| C. right – angled triangle | D. isosceles triangle |
67. The number of stages that are necessary to get the orthographic views of a solid having its axis inclined to both the reference planes
- | | |
|----------|---------|
| A. three | B. two |
| C. one | D. four |
68. Among the following solids a regular polyhedron is
- | | |
|-------------------|-----------------------|
| A. square prism | B. cube |
| C. square pyramid | D. pentagonal pyramid |
69. The Projectors in isometric view are
- | | |
|---|------------------------------------|
| A. converging | B. diverging |
| C. perpendicular to plane of projection | D. parallel to plane of projection |
70. Pictorial views drawn on isometric scale are called
- | | |
|----------------------------|-------------------------|
| A. orthographic projection | B. isometric view |
| C. isometric drawing | D. isometric projection |
71. A square in a regular multi-view projection appears in an isometric view as
- | | |
|------------------|------------|
| A. box | B. square |
| C. parallelogram | D. rhombus |
72. In comparison to an isometric projection the appearance of an isometric view is
- | | |
|-------------------|------------------|
| A. larger | B. smaller |
| C. more realistic | D. more accurate |
73. The angle that isometric lines make with each other is
- | | |
|-----------|------------|
| A. 90^0 | B. 120^0 |
| C. 60^0 | D. 45^0 |
74. A sphere in isometric projection appears as a circle of diameter
- | |
|---|
| A. greater than the diameter of sphere |
| B. 0.816 times the diameter of sphere |
| C. equal to diameter of sphere |
| D. less than 0.816 times diameter of sphere |
75. The symbol for indicating the angle of projection shows two views of the frustum of a
- | | |
|----------------------|-------------|
| A. triangular prism | B. cylinder |
| C. hexagonal pyramid | D. cone |

ಕಚ್ಚಾಕಾರ್ಯಕ್ಕಾಗಿ / For Rough Work