

TEST PAPER

Marks: 100

Time: 60 minutes

ROLL NO.: _____	NAME: _____
SIGNATURE: _____	DATE / TIME: _____

INSTRUCTIONS FOR THE CANDIDATES

1.	Before attempting the paper carefully read out all the Instructions & Examples given on Side 1 of Answer Sheet (OMR Sheet) supplied separately.
2.	At the start of the examination, please ensure that all pages of your Test booklet are properly printed; your Test booklet is not damaged in any manner and contains 100 questions. In case of any discrepancy the candidate should immediately report the matter to the invigilator for replacement of Test Booklet. No claim in this regard will be entertained at the later stage.
3.	An OMR Answer Sheet is being provided separately along with this Test booklet. Please fill up all relevant entries like Roll Number, Test Booklet Code etc. in the spaces provided on the OMR Answer Sheet and put your signature in the box provided for this purpose.
4.	Make sure to fill the correct Test booklet code on Side 2 of the OMR Answer Sheet. If the space for the Booklet Code is left blank or more than one booklet code is indicated therein, it will be deemed to be an incorrect booklet code & Answer Sheet will not be evaluated. The candidate himself/herself will be solely responsible for all the consequences arising out of any error or omission in writing the test booklet code.
5.	This Test Booklet consists of 06 pages containing 100 questions. Against each question four alternative choices (1), (2), (3), (4) are given, out of which one is correct. Indicate your choice of answer by darkening the suitable circle with BLACK/BLUE pen in the OMR Answer Sheet supplied to you separately. Use of Pencil is strictly prohibited. More than one answer indicated against a question will be deemed as incorrect response.
6.	The maximum marks are 100. Each question carries one mark. There will be no negative marking. The total time allocated is 60 minutes.
7.	Do not fold or make any stray marks on the OMR Answer Sheet. Any stray mark or smudge on the OMR Answer Sheet may be taken as wrong answer. Any damage to OMR Answer Sheet may result in disqualification of the candidate.
8.	On completion of the test, candidate must hand over the OMR Answer Sheet to the invigilator on duty in the room/hall.
9.	Use of Mobile phones and calculators etc. are not allowed.
10.	Keep all your belongings outside the Examination hall. Do not retain any paper except the ADMIT CARD.

1	The wedge shaped bricks or blocks forming an arch are called _____ (1) Arch ring (2) Extradados (3) Voussoirs (4) None of these
2	A special course provided at the exposed top of a wall to prevent rain water from entering the wall is called _____ (1) Spalls (2) Throating (3) Corbel (4) Coping
3	The middle horizontal member of the framework of a shutter where sliding bolt for providing lock is fixed is called _____ (1) Styles (2) Reveals (3) Horns (4) Lock rail
4	The end support of bridge is called _____ (1) Pier (2) Pillar (3) Abutment (4) Approach road
5	The art of providing an outward slope of 1 in 20 to the tread of wheels of rolling stock is known as _____ (1) Conning of wheel (2) Slope of wheel (3) Edging of wheel (4) Tilting of wheel
6	_____ joint is used to connect a wooden pieces at a desired angle. (1) Widening joint (2) Box joint (3) Framing joint (4) Circular joint
7	Who invented flat footed rail _____ (1) Thomas (2) Vignole (3) Einstein (4) None of these
8	A road running through length and breadth of country and joining important cities of a country is called _____ (1) State highway (2) National Highway (3) Express way (4) None of these
9	_____ DOS command is used to restore file copied by back up command. (1) RESTORE (2) BACKUP (3) CHKDSK (4) DISKCOPY
10	The artificial light on the drawing board should be differed from the ____ (1) Right (2) Left (3) Top (4) Back
11	The under surface of arch is called _____ (1) Back (2) Soffit (3) Springer (4) Spandril
12	Compiler is a _____ (1) Input device (2) Output device (3) Software (4) Hardware
13	The vertical window provided in the pitched roof is called _____ (1) Bay window (2) Corner window (3) Dormer window (4) None of these
14	The local swelling of a finished plastered surface is known as _____ (1) Floating (2) Peeling (3) Blistering (4) Cracking
15	Unit of measurement for centring and shuttering form work is _____ (1) per m (2) per sq m (3) per cu. m (4) None of these
16	In first Angle projection Top view is drawn (1) On XY Line (2) Below XY line (3) Above XY Line (4) inclined the XY line.
17	The recommended method of projection according to BIS is ____ (1) First angle projection (2) Third angle projection (3) Second angle projection (4) Fourth angle projection
18	The stepped masonry projection which intended to provide lateral strength to a wall is ____ (1) Grouting (2) Buttresses (3) Drip stone (4) Block in course
19	The least count of prismatic compass is _____ minutes (1) 15 (2) 30 (3) 60 (4) 12
20	The plates which are used at rail joint to maintain continuity of rails in a track are called _____ (1) Fish plates (2) Welded plates (3) Spikes (4) Rails
21	The tapes used for highest precision work are _____ (1) Linen tape (2) Metallic tape (3) Steel tape (4) Invar tape
22	The thin wooded member provided in between the rails and styles of shutter are called _____. (1) Rebate (2) Panels (3) Chocks (4) None of these
23	The size of a Trimmed drawing A-4 is (1) (210x297) mm (2) 206x219 (3) 330x450 (4) 165x240
24	To facilitate extension entries in the table should begin from _____ (1) Bottom to top (2) Top to bottom (3) Horizontal (4) Inclined
25	The layer of liquid material deposited outside the sapwood is called _____ (1) Barklayer (2) Sap wood layer (3) Cambium layer (4) Inner dark layer
26	In stair case wiring ____ way switches are used. (1) One way (2) Three way (2) Alternative switch (4) two way switch
27	The step of non uniform width is known as _____ (1) Nosing (2) String (3) Flier (4) None of these
28	Stability of gravity dam mainly depends upon its _____ (1) Weight (2) Height (3) Width (4) Shape
29	The member which support the covering material of a sloping roof are called _____ (1) Rafters (2) Purlins (3) Cleats (4) Eaves

30	The final treatment to cement or lime mortar made to the joints of the masonry to provide neat appearance is called _____ (1) Finishing (2) Throating (3) pointing (4) Plastering
31	_____ DOS command is used to rename an old file name with new file name. (1) REN (2) NAME (3) SAVE AS (4) ALTNAM
32	_____ is used for cutting internal or external curves on thin stocks. (1) Jig saw (2) Band saw (3) Radial saw (4) Circular saw
33	The Graphic Representation of an Object is called (1) Orthographic (2) Projection (3) Drawing (4) Convention
34	The first reading taken after setting up of dumpy level is _____ (1) BS (2) IS (3) FS (4) CP
35	The window provided in the flat roof of a room in which natural light from ordinary window cannot be achieved is called _____ (1) Skylight window (2) Lantern window (3) Clerestorey window (4) None of these
36	Radial line method is a _____ method of contouring (1) Indirect (2) Direct (3) Square method (4) None of these
37	The switches are made up of _____ (1) PVC (2) Bakelite (3) Plastic (4) None of these
38	_____ is used to fix rails, bearing plate or chair to wooden sleepers. (1) Bolt (2) Chair (3) Keys (4) Spikes
39	The culvert has a span usually less than _____ (1) 4m (2) 10m (3) 9m (4) 6m
40	No of links in a 20 m metric chain is _____. (1) 120 (2) 110 (3) 80 (4) 100
41	A scale representing three units is called (1) Plain scale (2) Diagonal scale (3) Isomeric scale (4) Liner scale
42	The full size scale is written as (1) 1:2 (2) 1:1 (3) 2:1 (4) 4:1
43	The width of stair should not be less than _____ (1) 3m (2) 4m (3) 1m (4) 2m
44	A line joining points of equal elevation is known as _____ (1) Level line (2) Equal depth line (3) Elevation line (4) None of these
45	_____ is a combination of king and queen post roof truss. (1) Mansard roof truss (2) Double purlin roof truss (3) Steel roof truss (4) None of these
46	The foundation consisting of a thick RCC slab covering the whole area in the form of a mat is called ... (1) Spread footing (2) Deep footing (3) Raft foundation (4) Caisson foundation
47	Fall of moisture form atmosphere to the earth surface in any form is called _____ (1) Evaporation (2) Transpiration (3) Precipitation (4) None of these
48	The preparation of successful drawing depends upon the _____ (1) Layout (2) Zones (3) Quadrants (4) Division
49	Front view of an object is shown in plane (1) H.P (2) V.P. (3) Both the plane (4) None of them
50	For rivet diameter upto 25mm, the diameter of rivet hole is larger than the diameter of rivet by _____. (1) 1mm (2) 1.5mm (3) 2mm (4) 2.5mm
51	The materials which cannot resist transverse stresses and are liable to crack when subjected to severe loading are known as _____ (1) Flexible materials (2) rigid materials (3) Compression materials (4) tensile materials
52	Unit of measurement for removing of paint or varnish is _____ (1) per m (2) per sq m (3) per cu. m (4) None of these
53	A half turn stair with no space between its flights is known as _____ (1) Open well stairs (2) Quarter turn stairs (3) Dog legged stairs (4) None of these
54	The process of cutting the river bed due to action of water is called _____ (1) Afflux depth (2) Cutting depth (3) Scour depth (4) None of these
55	In M 20 mix 20 indicates _____ (1) Compressive strength (2) Mix proportion (3) Tensile strength (4) None of these
56	For Rough work witch grade pencil is used (1) H (2) HB (3) 2H (4) 2B
57	_____ is used for planing across the grains particularly the ends of board. (1) Jack plane (2) Fore plane (3) Block plane (4) Jointer plane
58	The end of the sloping roof finished in a vertical triangle is called _____ (1) Gable (2) Pitch (3) Ridge (4) None of these
59	_____ chisel used for taking heavy and deep cuts resulting in more stock removal. (1) Firmer (2) Mortise (3) Socket (4) Gauge

60	The bed of canal is lowered in case of _____ (1) Aqueduct (2) Super passage (3) Canal syphon (4) Syphon aqueduct
61	The paste prepared by mixing cement with lime mortar in suitable proportions is called _____. (1) Light weight mortar (2) Fire resistant mortar (3) Gauged mortar (4) Black mortar
62	When the drain is over the canal the structure provided is known as _____. (1) Aqueduct (2) Super passage (3) Canal syphon (4) Syphon aqueduct
63	The art of bringing the floor to a true and level surface by means of screeds is called _____. (1) Floor finishes (2) Screeding (3) Topping (4) All of above
64	The doors are used where there is constant foot traffic of people coming in and going out of entrance of public buildings are called _____. (1) Collapsible door (2) Panelled door (3) Glazed door (4) Revolving door
65	Planimeter is used for _____. (1) to reduce area of map (2) To increase area of map (3) to calculate area of map (4) None of these
66	Inclined Gothic Lettering is drawn at an Angle of (1) 65° (2) 75° (3) 85° (4) 120°
67	_____ command is used in AutoCAD to create 3D solid or surface (1) REN (2) SOLID (3) SURFACE (4) EXTRUDE
68	The use of Alidade in plane table survey is _____. (1) Centring (2) Orientation (3) Focussing (4) To provide line of sight
69	The special treatment provided to plastered walls at their lower level, usually in drawing and living rooms is called _____. (1) Polishing (2) Knotting (3) Erasing (4) Skirting
70	Creep is _____ movement of rails (1) Vertical (2) Down side (3) Up side (4) Horizontal
71	The first watering before sowing the crop is known as _____. (1) Kor watering (2) Paleo (3) Delta (4) None of these
72	A solid having four equal equilateral triangular faces is called _____. (1) Cube (2) Pyramid (3) Tetrahedron (4) Pentagon pyramid
73	A temporary structure constructed to prevent the water from entering an area where a permanent structure is to be constructed is called _____. (1) Cofferdam (2) Support dam (3) Temporary bridge (4) None of these
74	The shortest distance from a point to a plane is seen in ____ view. (1) Front (2) Top (3) Edge (4) None of these
75	When some additions are done in the original work, a fresh detailed estimate is prepared is called (1) Revised estimate (2) Extension estimate (3) Supplementary estimate (4) All of these
76	In AUTOCAD _____ command is used to create an object at specified distance from an existing object. (1) OFFSET (2) TRIM (3) DISTANCE (4) None of these
77	A roof having slope in four directions is called _____. (1) Gable roof (2) Shed roof (3) Mansard roof (4) Hipped roof
78	In second quadrant front view and top view is _____. (1) On VP (2) Overlap (3) On HP (4) None of these
79	The horizontal distance between two consecutive contours is called _____. (1) contour interval (2) Horizontal equivalent (3) Contour gap (4) None of these
80	The line joining places of equal declination are known as _____. (1) Iso bar (2) Contour (3) Isogonics lines (4) none of these
81	The mortar joints are filled flush with the face of the wall is called _____ pointing (1) Tuck (2) Struck (3) Flat (4) Recessed
82	The width of broad gauge track is _____ m. (1) 1.766 (2) 1.676 (3) 1.862 (4) 1.792
83	_____ is called a decorative type plaster which provides an excellent finish like that with marble lining. (1) Stucco plasters (2) Moghul plaster (3) Lime plaster (4) None of these
84	King post truss is used for spans of _____. (1) 16-20m (2) 10-15 m (3) 6-9 m (4) 09- 17 m
85	Thickness of cement plaster is kept _____ for providing a vertical DPC (1) 20mm (2) 10mm (3) 40mm (4) 5 mm
86	In Terrazzo floors, the layer in between the base and tapping is called as _____. (1) Under layer (2) Sub grade layer (3) Floor finish (4) None of these
87	_____ joints are used at corners of the picture frames. (1) Mitre joint (2) Mortise joint (3) Grooved joint (4) None of these
88	The longest of the chain lines used in making a survey is _____. (1) Base line (2) Check line (3) Tie line (4) None of these

89	Chisel pencil is used for drawing _____ (1) Straight line (2) Curved line (3) Free hand line (4) None of these
90	Guide lines should be drawn very (1) Light (2) thick (3) Medium (4) Hidden
91	The total depth of water required by a crop during the entire period the crop is in field is called _____ (1) Delta (2) Duty (3) Base period (4) Crop period
92	The vertical member provided in between the steps and the hand rail are called _____ (1) Rise (2) Flight (3) Soffit (4) Balusters
93	The paste prepared by mixing aluminous cement and finely crushed fire bricks in suitable proportions in addition to water is called _____ . (1) Light weight mortar (2) Fire resistant mortar (3) Gauged mortar (4) Black mortar
94	Horizontal and vertical planes intersect each other at. (1) 120° (2) 90° (3) 110° (4) 105°
95	The size of Arrow head should be proportionate (1) 1:3 (2) 2:1 (3) 3:1 (4) 1:1
96	The maximum number of steps in a flight should not be more than _____ (1) 12 (2) 15 (3) 20 (4) None of these
97	Queen post truss is use for spans of _____ (1) 16-20m (2) 10-15 m (3) 6-9 m (4) 09-13-5 m
98	The symbol ϕ (PHI) should be written before a dimension (1) Radius (2) Diameter (3) Size (4) Bore
99	In ideal triangle all angles are _____ (1) equal (2) Less than 30 degrees (3) more than 60 degrees (4) None of these
100	Bitumen road is best example for _____ pavement. (1) Rigid (2) Semi rigid (3) Flexible (4) All of above

Rough Work