

JKSSB

**Previous Year Paper
Draftsman (Civil)
13 Oct, 2021**

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Draftsman - Civil		
SECTION 1 - SECTION 1		
Question No.1 Marks: 1.00 Bookmark ☐ CPU in a computer stands for: (A) ☐ Centre Processor Use case (B) ☐ Control Processor Use case (C) ☐ Control Processor Unit (D) ☒ Central Processing Unit (Correct Answer) (Chosen option)		
Question No.2 Marks: 1.00 Bookmark ☐ Bond is easy to obtain in which of the following types of masonry? (A) ☒ Brick masonry (Correct Answer) (Chosen option) (B) ☐ Stone masonry (C) ☐ Rubble masonry (D) ☐ Ashlar masonry		
Question No.3 Marks: 1.00 Bookmark ☐ The line that is not parallel to any plane of projection is called _____ surface. (A) ☐ covered (B) ☒ oblique (Correct Answer) (C) ☐ hidden (D) ☒ curved (Chosen option)		
Question No.4 Marks: 1.00 Bookmark ☐ In the preparation of clay for manufacturing of a good brick, what is the height of leap of clay? (A) ☒ 60 cm to 120 cm (Correct Answer) (B) ☐ 30 m to 45 m (C) ☐ 60 m to 120 m (D) ☐ 50 cm to 100 cm		
Question No.5 Marks: 1.00 Bookmark ☐ Gunite is a mixture of following ingredients: (A) ☒ 1 cement : 3 sand mix (Correct Answer) (B) ☐ 4 cement : 1 sand mix		

- (C) ☐ 2 cement : 1 sand mix
- (D) ☐ 3 cement : 1 sand mix

Question No.6

Marks: 1.00

Bookmark ☐

When the magnetic needle points north direction, the reading under the prism should be:

- (A) ☐ 270
- (B) ☐ 90
- (C) ☒ 0 (Correct Answer)
- (D) ☐ 180

Question No.7

Marks: 1.00

Bookmark ☐

Weakest bond in brick masonry wall is:

- (A) ☒ Flemish bond (Correct Answer) (Chosen option)
- (B) ☐ English bond
- (C) ☐ Double English bond
- (D) ☐ Double Flemish bond

Question No.8

Marks: 1.00

Bookmark ☐

In-plane tabling, the instrument used to measure vertical and horizontal distances directly, is known as:

- (A) ☐ Plane alidade
- (B) ☐ Tacheometer
- (C) ☐ Clinometer
- (D) ☒ Telescopic alidade (Correct Answer) (Chosen option)

Question No.9

Marks: 1.00

Bookmark ☐

Which of the following is an example of personal safety?

- (A) ☐ Don't touch or handle any equipment /machine unless authorized to do so.
- (B) ☐ Know everything about the machine before you start it.
- (C) ☐ Do not attempt operating the machine until you know how to operate it properly.
- (D) ☒ Wear safety shoes or boots or belt. (Correct Answer) (Chosen option)

Question No.10

Marks: 1.00

Bookmark ☐

Lime terracing is provided with how much slope to drain off rainwater from roof to gutters?

- (A) ☒ 1:60 to 1:100 (Correct Answer)
- (B) ☐ 1:10 to 1:20
- (C) ☐ 1:6 to 1:10
- (D) ☐ 1:20 to 1:60

Question No.11

Marks: 1.00

Bookmark ☐

The second 20 year development plan conference was held in which city?

- (A) ☐ Lucknow

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- (B) ☐ Nagpur
(C) ☐ Delhi
(D) ☒ **Bombay (Correct Answer)** (Chosen option)

Question No.12 Marks: 1.00
Bookmark ☐

- Which of the following commands is used for closing the active window?
(A) ☒ **Alt + F4 (Correct Answer)**
(B) ☐ Alt + F1
(C) ☐ Shift + F4
(D) ☐ Ctrl + F4

Question No.13 Marks: 1.00
Bookmark ☐

- Cylinder and bushing as an object in projection have how many views?
(A) ☐ One
(B) ☐ Five
(C) ☒ **Two (Correct Answer)**
(D) ☐ Three

Question No.14 Marks: 1.00
Bookmark ☐

- The current Highway development works in India are undertaken by :
(A) ☐ NHDP
(B) ☐ Government of India
(C) ☒ **NHAI (Correct Answer)** (Chosen option)
(D) ☐ CRRI

Question No.15 Marks: 1.00
Bookmark ☒

- Which factors are improved in drawing lettering?
(A) ☐ Systematic and real
(B) ☐ Workable and ornamental
(C) ☒ **Appearance and legibility (Correct Answer)**
(D) ☐ Aesthetic and reliability

Question No.16 Marks: 1.00
Bookmark ☐

- In four quadrants, the planes of projection are extended beyond the line of intersection and the four right angles are obtained in this way is called _____ angle.
(A) ☐ obtuse
(B) ☐ reflex
(C) ☐ complete
(D) ☒ **dihedral (Correct Answer)**

Question No.17 Marks: 1.00
Bookmark ☐

- Which of the following canals is not classified based on alignment of the canal?

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- (A) ☐ Watershed or ridge canal
- (B) ☐ Side slope canal
- (C) ☒ **Main canal (Correct Answer)** (Chosen option)
- (D) ☐ Contour canal

Question No.18

Marks: 1.00

Bookmark ☐

When was the first modern Planimeter built?

- (A) ☐ 1800
- (B) ☐ **1854 (Correct Answer)**
- (C) ☐ 1909
- (D) ☐ 1887

Question No.19

Marks: 1.00

Bookmark ☐

What special attention is required in Centre Line method?

- (A) ☐ For each junction meeting points of cross walls with main walls, one breadth of item is to be deducted from the centre line length
- (B) ☐ For each junction meeting points of cross walls with main walls, one breadth of item is to be added to the centre line length
- (C) ☐ **For each junction meeting points of cross walls with main walls, half breadth of item is to be deducted from the centre line length (Correct Answer)**
- (D) ☐ For each junction meeting points of cross walls with main walls, half breadth of item is to be added to the centre line length

Question No.20

Marks: 1.00

Bookmark ☐

In a riveted joint minimum pitch should not be:

- (A) ☐ More than 200 mm
- (B) ☒ **Less than 2.5 times the gross diameter (Correct Answer)** (Chosen option)
- (C) ☐ More than 2.5 times the gross diameter
- (D) ☐ Less than 200 mm

Question No.21

Marks: 1.00

Bookmark ☐

The clay used for making stoneware consists of:

- (A) ☐ 25% Silica and 75% Alumina
- (B) ☒ **75% Silica and 25% Alumina (Correct Answer)** (Chosen option)
- (C) ☐ 80% Silica and 10% Alumina
- (D) ☐ 10% Silica and 80% Alumina

Question No.22

Marks: 1.00

Bookmark ☐

A simple way of achieving a '3-D' appearance using 2-D drawing methods is called

- (A) ☐ geo rendering
- (B) ☐ isoplexic
- (C) ☒ **render (Chosen option)**

(D) ☐ **isometric (Correct Answer)**

Question No.23

Marks: 1.00

Bookmark ☐

What is the size of ballast used in points and crossings under the Indian railways?

- (A) ☐ 10 mm
(B) ☐ 40 mm
(C) ☒ **25 mm (Correct Answer) (Chosen option)**
(D) ☐ 5 mm

Question No.24

Marks: 1.00

Bookmark ☐

Standard schedules of rates of the _____ are to be considered for estimation.

- (A) ☐ average of last 10 years
(B) ☐ average of last 15 years
(C) ☐ average of last 5 years
(D) ☐ **current year (Correct Answer)**

Question No.25

Marks: 1.00

Bookmark ☐

Which type of levelling is best suitable to determine the accurate relative elevations of two widely separated invisible points?

- (A) ☐ **Reciprocal levelling (Correct Answer)**
(B) ☐ Check levelling
(C) ☒ Differential levelling (Chosen option)
(D) ☐ Fly levelling

Question No.26

Marks: 1.00

Bookmark ☐

Plane table is a _____ method of surveying.

- (A) ☐ Mathematical
(B) ☐ None of these
(C) ☐ Analytical
(D) ☒ **Graphical (Correct Answer) (Chosen option)**

Question No.27

Marks: 1.00

Bookmark ☐

When there is excess water flow in the river, the water can be stored for later irrigation through _____.

- (A) ☐ basin headworks
(B) ☐ canal
(C) ☐ channel headworks
(D) ☒ **storage headworks (Correct Answer) (Chosen option)**

Question No.28

Marks: 1.00

Bookmark ☐

The time period from the instant of first watering to the instant of the last watering for a given crop is called:

- (A) ☐ Duty

- (B) ☒ **Base period (Correct Answer)** (Chosen option)
(C) ☐ Consumptive use
(D) ☐ Crop period

Question No.29 Marks: 1.00
Bookmark ☐

Crops coinciding mostly with the south-western monsoon are called _____.
(A) ☐ Rabi and Zaid
(B) ☐ Zaid
(C) ☒ **Kharif (Correct Answer)** (Chosen option)
(D) ☐ Rabi

Question No.30 Marks: 1.00
Bookmark ☐

As per BIS, what is the correct formula applicable for lettering A and B?
(A) ☐ Lettering A ($d=h/14$) and B ($d=h/14$)
(B) ☐ Lettering A ($d=h/10$) and B ($d=h/12$)
(C) ☐ Lettering A ($d=h/12$) and B ($d=h/10$)
(D) ☒ **Lettering A ($d=h/14$) and B ($d=h/10$) (Correct Answer)** (Chosen option)

Question No.31 Marks: 1.00
Bookmark ☐

_____ is the simplest form of joint.
(A) ☒ **Lapped joint (Correct Answer)** (Chosen option)
(B) ☐ Widening joint
(C) ☐ Oblique joint
(D) ☐ Framing joint

Question No.32 Marks: 1.00
Bookmark ☐

What is the minimum height of the Mezzanine floor?
(A) ☒ **1.2 m (Chosen option)**
(B) ☐ 2.2 m
(C) ☐ **4.2 m (Correct Answer)**
(D) ☐ 3.2 m

Question No.33 Marks: 1.00
Bookmark ☐

Isometric projection is the types of _____ projections.
(A) ☐ orthographic
(B) ☐ stereographic
(C) ☐ omnimax
(D) ☒ **pictorial (Correct Answer)** (Chosen option)

Question No.34 Marks: 1.00
Bookmark ☐

The east - west corridor of national highway connects which of the following cities ?
(A) ☐ Kolkata - Vadodara

- (B) ☐ Bombay - Madras
- (C) ☐ Delhi - Bombay
- (D) ☒ **Porbandar - Silichar (Correct Answer)** (Chosen option)

Question No.35

Marks: 1.00

Bookmark ☐

- The other floors of each storey about the ground level are known as the _____.
- (A) ☐ Roofing
- (B) ☐ Lower floor
- (C) ☐ Roof Floor
- (D) ☒ **Upper floor (Correct Answer)** (Chosen option)

Question No.36

Marks: 1.00

Bookmark ☐

- What is the fundamental principle of surveying?
- (A) ☐ Ignore the whole just work on the parts
- (B) ☒ **Work from whole to the part (Correct Answer)** (Chosen option)
- (C) ☐ Ignore the parts just work overall
- (D) ☐ Work from part to the whole

Question No.37

Marks: 1.00

Bookmark ☐

- Which direction aspect is best suitable for Gallery or Verandah?
- (A) ☒ **North or North-East (Correct Answer)**
- (B) ☐ South or South-East
- (C) ☐ North or North-West
- (D) ☒ **West or South-West (Chosen option)**

Question No.38

Marks: 1.00

Bookmark ☐

- A good blast with a good yield is obtained if the cut hole is :
- (A) ☐ Normal to face
- (B) ☐ Inclined at 15° to face
- (C) ☒ **Inclined at 45° to face (Correct Answer)**
- (D) ☐ Inclined at 35° to face

Question No.39

Marks: 1.00

Bookmark ☐

- Parallelogram bars are the basic part of which instrument?
- (A) ☐ Drafting board
- (B) ☐ Protractor
- (C) ☐ Drafting chair
- (D) ☒ **Mini drafter (Correct Answer)**

Question No.40

Marks: 1.00

Bookmark ☐

- How the rate of item of work is related to quantity of material required?
- (A) ☐ For small work small quantity of material is required which can be purchased at

cheaper rate.

- (B) ☐ For large work large quantity of material is required which can be purchased at costlier rate.
- (C) ☐ There is no relation between rate of work and quantity of work.
- (D) ☒ **For large work large quantity of material is required which can be purchased at cheaper rate. (Correct Answer) (Chosen option)**

Question No.41

Marks: 1.00

Bookmark ☐

While folding of prints, how title block needs to be placed?

- (A) ☒ The title block of all the folded prints appears in topmost position and visible on top after folding (Chosen option)
- (B) ☐ **The title block of all the folded prints appears in bottommost position and visible on bottom after folding (Correct Answer)**
- (C) ☐ The title block of all the folded prints appears in topmost position and visible on bottom after folding
- (D) ☐ The title block of all the folded prints appears in bottommost position and visible on top after folding

Question No.42

Marks: 1.00

Bookmark ☐

_____ refers to the whole period of cultivation from the time when irrigation water is first issued for preparation of the ground for planting the crop, to its last watering before harvesting.

- (A) ☐ Irrigation Period
- (B) ☐ Duty Period
- (C) ☒ **Base Period (Correct Answer) (Chosen option)**
- (D) ☐ Delta Period

Question No.43

Marks: 1.00

Bookmark ☐

What should be the minimum floor area in sq.m. for bathroom cum water closet?

- (A) ☐ 2.4
- (B) ☐ 1.8
- (C) ☐ 1.2
- (D) ☒ **2.8 (Correct Answer) (Chosen option)**

Question No.44

Marks: 1.00

Bookmark ☐

Which of the following commands is used for making a polyline in the AutoCAD drawing?

- (A) ☐ POL
- (B) ☒ **PL (Correct Answer) (Chosen option)**
- (C) ☐ POLY
- (D) ☐ P

Question No.45

Marks: 1.00

Bookmark ☐

Which of the following lengthening joint types is used for rough and temporary structure such as scaffolding?

- (A) ☒ Fished joint (Chosen option)
- (B) ☐ Tabled joint
- (C) ☐ Scarified joint
- (D) ☐ Lapped joint (Correct Answer)

Question No.46 Marks: 1.00
Bookmark ☐

- Which window provides free passage of air and sufficient light even when closed?
- (A) ☐ Double hung window
 - (B) ☐ Sliding window
 - (C) ☐ Louvered window (Correct Answer)
 - (D) ☒ Pivoted window (Chosen option)

Question No.47 Marks: 1.00
Bookmark ☐

- The inclination of the slope of inclined lettering in single stroke letter with respect to horizontal is _____.
- (A) ☒ 75° (Correct Answer) (Chosen option)
 - (B) ☐ 35°
 - (C) ☐ 55°
 - (D) ☐ 95°

Question No.48 Marks: 1.00
Bookmark ☐

- Which one of the following is used as extra rail to prevent derailment?
- (A) ☐ Stock rail
 - (B) ☒ Guard rail (Correct Answer) (Chosen option)
 - (C) ☐ Tongue rail
 - (D) ☐ Wing rail

Question No.49 Marks: 1.00
Bookmark ☐

- _____ is required for preliminary studies of various aspects of a work project.
- (A) ☒ Plinth area estimate (Chosen option)
 - (B) ☐ Supplementry estimate
 - (C) ☐ Abstract estimate (Correct Answer)
 - (D) ☐ Revised estimate

Question No.50 Marks: 1.00
Bookmark ☐

- Which of the following is not the ARRAY type in AutoCAD?
- (A) ☐ Polar
 - (B) ☐ Path
 - (C) ☒ Circular (Correct Answer) (Chosen option)
 - (D) ☐ Rectangular

Question No.51 Marks: 1.00

Bookmark ☐

What is the recommended height of a lower case having no Stem and Tail?

- (A) ☐ 2.5, 3.5, 5, 7, 10 and 14mm (Correct Answer)
- (B) ☒ 1.5, 2.5, 5, 7, 9 and 10mm (Chosen option)
- (C) ☐ 2.5, 5.5, 5, 7, 9 and 10mm
- (D) ☐ 1.5, 3.5, 5, 7, 10 and 12mm

Question No.52 Marks: 1.00

Bookmark ☐

When a protractor is not available then which scale is used to set out or measure angles?

- (A) ☐ Scales of chords (Correct Answer)
- (B) ☐ Plain scales
- (C) ☒ Circular vernier (Chosen option)
- (D) ☐ Comparative scales

Question No.53 Marks: 1.00

Bookmark ☐

A diagonal tension reinforcement is provided in a beam as:

- (A) ☐ 90o bend at the bend of main bars
- (B) ☐ Transverse reinforcement
- (C) ☐ Bent up bars (Correct Answer)
- (D) ☐ Longitudinal bars

Question No.54 Marks: 1.00

Bookmark ☐

Inner and outer curve of arch is called:

- (A) ☐ Voussoirs, Springer respectively
- (B) ☐ Crown, Intrados respectively
- (C) ☐ Springer, Crown respectively
- (D) ☒ Intrados, Extrados respectively (Correct Answer) (Chosen option)

Question No.55 Marks: 1.00

Bookmark ☐

The designation of scale recommended by BIS for reduction scale is _____.

- (A) ☐ 1:1
- (B) ☐ 1:X (Correct Answer)
- (C) ☒ 1:5 (Chosen option)
- (D) ☐ X:1

Question No.56 Marks: 1.00

Bookmark ☐

In case of syphon aqueduct, the H.F.L of the drain is:

- (A) ☐ Lower than the underside of the trough carrying drainage water
- (B) ☐ In level with the canal bed
- (C) ☐ In level with the drainage trough
- (D) ☒ Much higher above the canal bed (Correct Answer) (Chosen option)

Question No.57

Marks: 1.00

Bookmark ☐

Which perspective projection is generally used to present the interior details of a room, interior features of various components?

- (A) ☐ Two point
- (B) ☐ Four point
- (C) ☐ Single point (Correct Answer)
- (D) ☐ Three point

Question No.58

Marks: 1.00

Bookmark ☐

Colouring commences in which sequential order out of the following options?

- (A) ☐ From the bottom left-hand corner of the surface working from left to right and upwards
- (B) ☐ From the top right-hand corner of the surface working from right to left and downwards
- (C) ☐ From the bottom right-hand corner of the surface working from right to left and upwards
- (D) ☐ From the top left-hand corner of the surface working from left to right and downwards (Correct Answer)

Question No.59

Marks: 1.00

Bookmark ☐

Spread foundation is a type of :

- (A) ☐ Shallow foundation (Correct Answer)
- (B) ☐ Pile foundation
- (C) ☒ Raft foundation (Chosen option)
- (D) ☐ Depth foundation

Question No.60

Marks: 1.00

Bookmark ☐

The process of kneading brick earth is called:

- (A) ☐ Pugging (Correct Answer)
- (B) ☐ Blending
- (C) ☐ Ramming
- (D) ☐ Tamping

Question No.61

Marks: 1.00

Bookmark ☐

Electric wires for building electric systems are usually made of _____.

- (A) ☐ tin
- (B) ☐ steel
- (C) ☒ copper (Correct Answer) (Chosen option)
- (D) ☐ iron

Question No.62

Marks: 1.00

Bookmark ☐

The highest point of the extrados is called:

- (A) ☐ Voussoirs
- ☐

- (B) ☐ Springer
- (C) ☐ Intrados
- (D) ☒ **Crown (Correct Answer)** (Chosen option)

Question No.63

Marks: 1.00

Bookmark ☐

- The main rail to which the tongue rail fits is called _____ rail.
- (A) ☐ Tongue
 - (B) ☐ Wing
 - (C) ☐ **Stock (Correct Answer)**
 - (D) ☐ flange

Question No.64

Marks: 1.00

Bookmark ☐

Which of the following commands represents the icon shown in given figure?



- (A) ☐ **Offset (Correct Answer)**
- (B) ☒ Trim (Chosen option)
- (C) ☐ Line
- (D) ☐ Move

Question No.65

Marks: 1.00

Bookmark ☐

- As per Khosla's theory, the exit gradient of surface flow depends upon:
- (A) ☐ Temperature of water
 - (B) ☐ **Width/depth ratio (Correct Answer)**
 - (C) ☐ Viscosity of water
 - (D) ☐ Surface of cut-off falls

Question No.66

Marks: 1.00

Bookmark ☐

- Which of the following processes is the most commonly used for setting the tangent?
- (A) ☐ Rankines method
 - (B) ☐ Two theodolite method
 - (C) ☒ **Trial and error method (Correct Answer)** (Chosen option)
 - (D) ☐ Tachometer method

Question No.67

Marks: 1.00

Bookmark ☐

- You are not constrained by the XY plane when you _____ through a model.
- (A) ☐ rotate
 - (B) ☐ **fly (Correct Answer)**
 - (C) ☐ move forward
 - (D) ☐ walk

Question No.68

Marks: 1.00

Bookmark ☐

What shall be the thickness of the vertical damp proof course of cement plaster (1:3)?

- (A) ☐ 20 mm (Correct Answer)
- (B) ☒ 40 mm (Chosen option)
- (C) ☐ 4 mm
- (D) ☐ 80 mm

Question No.69

Marks: 1.00

Bookmark ☐

Which type of compass can be used without a tripod?

- (A) ☐ Optical square
- (B) ☐ Prism square
- (C) ☒ Surveyor compass (Chosen option)
- (D) ☐ Prismatic compass (Correct Answer)

Question No.70

Marks: 1.00

Bookmark ☐

1 tonne is equal to:

- (A) ☐ 10 Kg
- (B) ☐ 2000 Kg
- (C) ☒ 1000 Kg (Correct Answer) (Chosen option)
- (D) ☐ 100 Kg

Question No.71

Marks: 1.00

Bookmark ☐

What does Ctrl-Break do?

- (A) ☐ It will stop the execution of the current program (Correct Answer)
- (B) ☐ It will shut down the computer
- (C) ☐ It will format the hard drive
- (D) ☐ It will reboot the computer

Question No.72

Marks: 1.00

Bookmark ☐

The "Dir" Command is used to:

- (A) ☐ Delete the directory
- (B) ☐ Display a list of files and folders (Correct Answer)
- (C) ☒ Open the directory (Chosen option)
- (D) ☐ Clear the directory

Question No.73

Marks: 1.00

Bookmark ☐

Which of the following formworks consists of rows of the vertical post which carry small wooden beams at their tops?

- (A) ☐ RCC slab
- (B) ☐ RCC beam
- (C) ☐ RCC floors (Correct Answer)

(D) ☐ RCC column (Chosen option)

Question No.74

Marks: 1.00

Bookmark ☐

The outer projection on the tread of a stair is :

- (A) ☐ Bulge
- (B) ☒ **Nosing (Correct Answer)** (Chosen option)
- (C) ☐ Going
- (D) ☐ Out crop

Question No.75

Marks: 1.00

Bookmark ☐

The level up to which the reservoir should be full of water is termed as:

- (A) ☐ **Pool level (Correct Answer)**
- (B) ☐ Surface level
- (C) ☐ High level
- (D) ☒ **Maximum level (Chosen option)**

Question No.76

Marks: 1.00

Bookmark ☐

What is the recommended size (height h) of letters/numerals of "Sub Titles"?

- (A) ☐ 5 mm, 7 mm
- (B) ☐ 5.5 mm, 5 mm
- (C) ☒ **3.5 mm, 5 mm (Correct Answer)** (Chosen option)
- (D) ☐ 2.5 mm, 3.5 mm

Question No.77

Marks: 1.00

Bookmark ☐

Which door is recommended when privacy combined with natural ventilation is desired?

- (A) ☐ Collapsible steel door
- (B) ☐ **Louvered door (Correct Answer)**
- (C) ☐ Revolving door
- (D) ☐ Rolling steel shutter door

Question No.78

Marks: 1.00

Bookmark ☐

According to IS Code, a good aggregate should not be:

- (A) ☐ Chemically inert
- (B) ☐ **Organic (Correct Answer)**
- (C) ☒ **Sufficiently hard and durable (Chosen option)**
- (D) ☐ Sufficiently strong

Question No.79

Marks: 1.00

Bookmark ☐

Bituminous macadam construction is a type of:

- (A) ☐ Grouted construction
- (B) ☐ Interface treatment
- (C) ☐ Surface dressing

(D) ☐ Premix (Correct Answer)

Question No.80 Marks: 1.00
Bookmark ☐

What happens to the roughness of the wall with plaster coating?

- (A) ☒ It makes the plaster bond better. (Correct Answer)
- (B) ☒ It can cause cracking later. (Chosen option)
- (C) ☐ It makes the plaster loose.
- (D) ☐ It does not make any difference if the wall is clean.

Question No.81 Marks: 1.00
Bookmark ☐

Indian Standard IS 8043-1991 and IS 6909-1990 stand for which type of cement?

- (A) ☐ Portland slag cement and High alumina cement
- (B) ☐ Super sulphated cement and Rapid hardening cement
- (C) ☐ Hydrophobic cement and Super sulphated cement (Correct Answer)
- (D) ☐ White Portland cement and Hydrophobic cement

Question No.82 Marks: 1.00
Bookmark ☐

Which type of mechanical pencil draws construction lines, dimension lines and center lines?

- (A) ☐ HB
- (B) ☐ 2HB
- (C) ☐ H
- (D) ☒ 2H (Correct Answer) (Chosen option)

Question No.83 Marks: 1.00
Bookmark ☐

What is the formula of the length of the scale?

- (A) ☐ Length of scale= R.F x minimum length required to be measured
- (B) ☐ Length of scale= R.F x equal to the length to be measured
- (C) ☐ Length of scale= R.F x Actual length of the object
- (D) ☒ Length of scale= R.F x maximum length required to be measured (Correct Answer) (Chosen option)

Question No.84 Marks: 1.00
Bookmark ☐

Which of the following is used for skinning the insulation of cables and cleaning the wire surface?

- (A) ☒ Electrician's Knife (Double blade) (Correct Answer) (Chosen option)
- (B) ☐ Neon tester BIS 5579 -1985
- (C) ☐ Hammer ball Pein
- (D) ☐ Screwdriver BIS 844

Question No.85 Marks: 1.00
Bookmark ☐

Porous Terracotta is used for:

- (A) ☐ Sound Insulation

- (B) ☐ Sanitary Wares
- (C) ☒ Containers (Correct Answer)
- (D) ☐ Wash basins

Question No.86 Marks: 1.00 Bookmark ☐

In a riveted joints, when the number of rivets decrease from the innermost to outermost row, the joint is said to be:

- (A) ☒ Diamond rivetted (Correct Answer) (Chosen option)
- (B) ☐ Chain rivetted
- (C) ☐ Zig - Zag rivetted
- (D) ☐ None of these

Question No.87 Marks: 1.00 Bookmark ☐

In which type of foundations, the length is considerably greater than its width?

- (A) ☐ Footing
- (B) ☐ Pile foundation
- (C) ☐ Raft foundation
- (D) ☒ Strip foundation (Correct Answer) (Chosen option)

Question No.88 Marks: 1.00 Bookmark ☐

Which one of the following methods of taking out quantities is most commonly used in India?

- (A) ☒ P.W.D. method (Correct Answer) (Chosen option)
- (B) ☐ English method
- (C) ☐ W.R.D. method
- (D) ☐ I.R.C. method

Question No.89 Marks: 1.00 Bookmark ☐

Which of the following departments issues Eco mark certificate?

- (A) ☒ Bureau of Indian Standards (Correct Answer)
- (B) ☐ Ministry of Environment
- (C) ☐ Ministry of Commerce
- (D) ☐ Ministry of Consumer Affairs

Question No.90 Marks: 1.00 Bookmark ☐

Which of the following is not a Deck slab buttress dam?

- (A) ☐ Fixed Deck Slab
- (B) ☒ Free Deck Slab (Chosen option)
- (C) ☐ Cantilever Type
- (D) ☐ Double Beam Type (Correct Answer)

Question No.91 Marks: 1.00 Bookmark ☐

Scales used to represent objects such as large machine parts and buildings are called

- _____ scales.
- (A) ☐ diagonal
 - (B) ☐ full size
 - (C) ☒ **reducing (Correct Answer)**
 - (D) ☒ **enlarging (Chosen option)**

Question No.92

Marks: 1.00

Bookmark ☐

- Substructure at the ends of a bridge span is called:
- (A) ☐ Sub Structure
 - (B) ☐ Span
 - (C) ☐ Superstructure
 - (D) ☒ **Abutment (Correct Answer) (Chosen option)**

Question No.93

Marks: 1.00

Bookmark ☐

- What is the range of permissible error in chain length of every 20 m chain?
- (A) ☐ -10 to 10 mm
 - (B) ☐ -2 to 2 mm
 - (C) ☐ -20 to 20 mm
 - (D) ☒ **-5 to 5 mm (Correct Answer) (Chosen option)**

Question No.94

Marks: 1.00

Bookmark ☐

- The exterior angle between outer faces of wall, is known as:
- (A) ☐ Turn
 - (B) ☒ **Quion (Correct Answer) (Chosen option)**
 - (C) ☐ None of these
 - (D) ☐ Junction

Question No.95

Marks: 1.00

Bookmark ☐

- While turning on the computer it will check the files:
- (A) ☐ **Command.com, io.sys, msdos.sys (Correct Answer)**
 - (B) ☒ **Chkdsk.exe (Chosen option)**
 - (C) ☐ Command.com, dir.com, date.com
 - (D) ☐ Command.com, date.com, io.sys

Question No.96

Marks: 1.00

Bookmark ☐

- Which of the following drawings is an axonometric and has three axis that are divided in equal angles?
- (A) ☐ Dimetric
 - (B) ☐ **Isometric (Correct Answer)**
 - (C) ☒ **Trimetric (Chosen option)**
 - (D) ☐ Orthographic

Question No.97

Marks: 1.00

Bookmark ☐

How many kgs of bitumen will be required for the vertical damp proof course on 10 sq.m. area?

- (A) ☐ 165
- (B) ☐ 16.5
- (C) ☐ 1.65
- (D) ☒ 33 (Correct Answer)

Question No.98

Marks: 1.00

Bookmark ☐

If the degree of workability of concrete is MEDIUM then the value of slump is:

- (A) ☐ 75 - 100 mm
- (B) ☐ 25 - 75 mm
- (C) ☒ 50 - 100 mm (Correct Answer) (Chosen option)
- (D) ☐ 25 - 50 mm

Question No.99

Marks: 1.00

Bookmark ☐

To obtain ceramic/polished terracotta, the articles are burnt at a lower temperature. This first burning is known as:

- (A) ☐ Glazing
- (B) ☒ Biscuiting (Correct Answer)
- (C) ☐ Porcelain
- (D) ☐ Enamelling

Question No.100

Marks: 1.00

Bookmark ☐

What is the general application of line shown below?



- (A) ☒ Cutting planes (Correct Answer) (Chosen option)
- (B) ☐ Hidden edges
- (C) ☐ Extension
- (D) ☐ Projection

Question No.101

Marks: 1.00

Bookmark ☐

In building modelling, WCS stands for:

- (A) ☐ Wide co-ordinate system
- (B) ☐ Western co-ordinate system
- (C) ☐ Wrong co-ordinate system
- (D) ☒ World coordinate system (Correct Answer)

Question No.102

Marks: 1.00

Bookmark ☐

Choose the correct sequence on the basis of size of units for (TB: Terabyte, GB: Gigabyte, MB: Megabyte, KB: Kilobyte).

- (A) ☐ TB>MB>GB>KB
- (B) ☐ KB>MB >GB >TB

- (C) ☐ TB>GB>KB>MB
- (D) ☒ **TB>GB>MB>KB (Correct Answer)** (Chosen option)

Question No.103 Marks: 1.00
Bookmark ☐

- Composite dams are a combination of _____ and _____ dams.
- (A) ☐ buttress, embankment
- (B) ☒ **concrete, embankment (Correct Answer)** (Chosen option)
- (C) ☐ concrete, buttress
- (D) ☐ gravity, buttress

Question No.104 Marks: 1.00
Bookmark ☐

- Multiple arch dam comes in the category of:
- (A) ☐ Overflow dam
- (B) ☒ Arch dam (Chosen option)
- (C) ☐ **Buttress dams (Correct Answer)**
- (D) ☐ Cofferdam

Question No.105 Marks: 1.00
Bookmark ☐

- Which of the following is used as relieving arches over wooden lintel?
- (A) ☐ Concrete arch
- (B) ☒ **Brick arch (Correct Answer)** (Chosen option)
- (C) ☐ Ashlar arch
- (D) ☐ Rubble masonry arch

Question No.106 Marks: 1.00
Bookmark ☐

- Which of the following is the effect of slope of roof truss?
- (A) ☐ Flatter the slope greater are effect of rain leakage while steeper the slope lesser are effect of wind action.
- (B) ☐ Flatter the slope lesser are effect of rain leakage while steeper the slope greater are effect of wind action.
- (C) ☐ Flatter the slope lesser are effect of rain leakage while steeper the slope lesser are effect of wind action.
- (D) ☐ **Flatter the slope greater are effect of rain leakage while steeper the slope greater are effect of wind action. (Correct Answer)**

Question No.107 Marks: 1.00
Bookmark ☐

- Which of the following stair types is light in weight?
- (A) ☐ Brick
- (B) ☐ Stone
- (C) ☐ RCC
- (D) ☒ **Wooden (Correct Answer)** (Chosen option)

Question No.108 Marks: 1.00
Bookmark ☐

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How is Single point perspective different than other types?

- (A) ☐ The three mutually perpendicular principal faces of the object viewed, are inclined to the picture plane.
- (B) ☒ **The principal face of the object viewed, is parallel to the picture plane. (Correct Answer)**
- (C) ☐ The principal face of the object viewed, is perpendicular to the picture plane.
- (D) ☐ The two principal faces of the object viewed, are inclined to the picture plane.

Question No.109

Marks: 1.00

Bookmark ☐

_____ is the simplest instrument used for setting out perpendicular i.e. taking offsets from a chain line.

- (A) ☐ Surveyors Chain
- (B) ☐ Prismatic Compass
- (C) ☐ Theodolite
- (D) ☒ **Cross Staff (Correct Answer) (Chosen option)**

Question No.110

Marks: 1.00

Bookmark ☐

Removal of soluble material by the passage of water through the soil is called _____.

- (A) ☐ adsorption
- (B) ☒ **leaching (Correct Answer) (Chosen option)**
- (C) ☐ percolation
- (D) ☐ absorbtion

Question No.111

Marks: 1.00

Bookmark ☐

A dam constructed of concrete and/or masonry, which relies on its weight and internal strength for stability is called _____ dam.

- (A) ☐ ricochet
- (B) ☒ **gravity (Correct Answer) (Chosen option)**
- (C) ☐ stability
- (D) ☐ earthen

Question No.112

Marks: 1.00

Bookmark ☐

What is flight of a stair?

- (A) ☐ Flight of a stair is a series of steps with one platform or landing or break in their direction.
- (B) ☒ **Flight of a stair is a series of steps without any platform or landing or break in their direction. (Correct Answer) (Chosen option)**
- (C) ☐ Flight of a stair is a series of steps with three platforms or landings or breaks in their direction.
- (D) ☐ Flight of a stair is a series of steps with two platforms or landings or breaks in their direction.

Question No.113

Marks: 1.00

Bookmark ☐

_____ are used to fix rails to wooden sleepers.

- (A) ☐ Fasteners
- (B) ☐ Rivets
- (C) ☐ Nails
- (D) ☒ Spikes (Correct Answer) (Chosen option)

Question No.114

Marks: 1.00

Bookmark ☐

What is the full form of SOR?

- (A) ☐ Schematic Overflow Rate
- (B) ☒ Schedule of Rate (Correct Answer) (Chosen option)
- (C) ☐ Sequence of Rate
- (D) ☐ Systematic Overflow Rate

Question No.115

Marks: 1.00

Bookmark ☐

The ratio of height to width 10:6 is used for _____.

- (A) ☐ capital letters
- (B) ☒ numerals (Chosen option)
- (C) ☐ spacing
- (D) ☐ lower case letters (Correct Answer)

Question No.116

Marks: 1.00

Bookmark ☐

In king post truss _____ prevent the purlins from tilting.

- (A) ☐ Purlins
- (B) ☐ Pole plates
- (C) ☐ Cleats (Correct Answer)
- (D) ☒ Rafters (Chosen option)

Question No.117

Marks: 1.00

Bookmark ☐

_____ is the composition of good brick Earth and also harmful ingredients of it.

- (A) ☐ Iron pyrites
- (B) ☐ Alkalis
- (C) ☒ Lime (Correct Answer) (Chosen option)
- (D) ☐ Oxides of iron

Question No.118

Marks: 1.00

Bookmark ☐

IS: 4745 -1968 is followed to design which type of canal?

- (A) ☐ Non-alluvial canal
- (B) ☐ Unlined canal
- (C) ☐ Lined canal (Correct Answer)
- (D) ☐ Alluvial canal

Question No.119

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_____ is a method of orientation employed when the table occupies a position not

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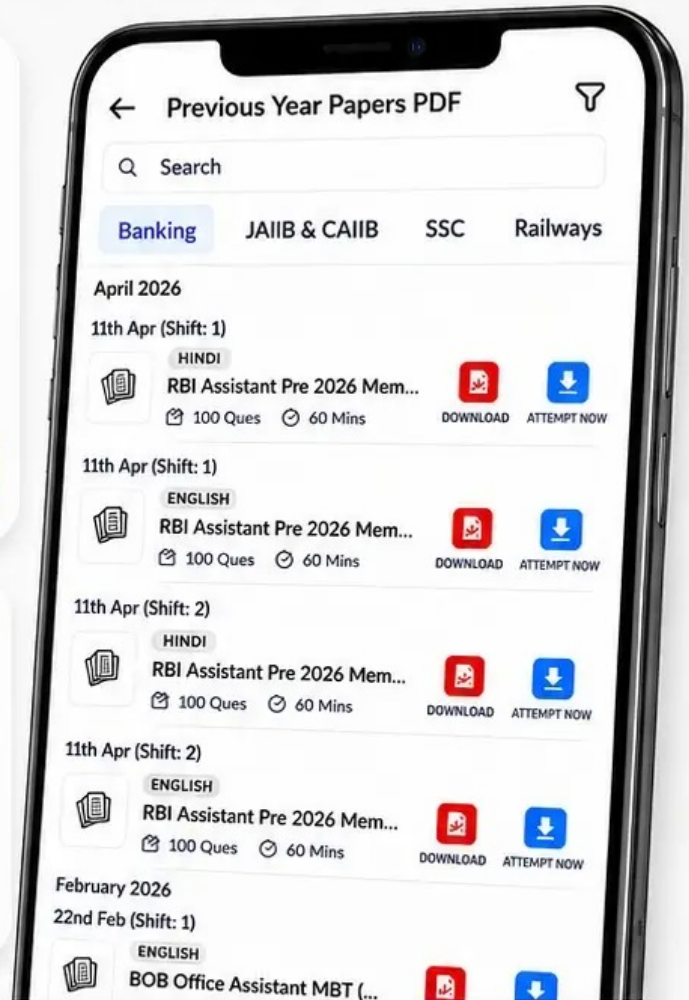
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yet located on the drawing sheet.

- (A) ☐ Traverse
- (B) ☐ Radiation
- (C) ☐ Intersection
- (D) ☒ **Resection (Correct Answer)** (Chosen option)

Question No.120

Marks: 1.00

Bookmark ☐

The construction of engineering drawing means line, line segments, points, planes, circles, and polygons by using a compass and straight edge called:

- (A) ☐ Architecture drawing
- (B) ☐ **Geometric construction (Correct Answer)**
- (C) ☐ Structural drawing construction
- (D) ☐ Infrastructural construction

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