

# PROVISIONAL ANSWER KEY

Question Paper Code:	24/2017/OL
Category Code:	204/2015
Exam:	Overseer Gr III Civil
Medium of Question:	English
Date of Test	23-03-2017
Department	Irrigation
Alphacode	A

Question1:-By what name Ganges is known which it flows through Bangladesh?

- A:-Sangpo
- B:-Ganga
- C:-Jamuna
- D:-Sindhu

Correct Answer:- Option-C

Question2:-Which of the following is Kharif crop?

- A:-Wheat
- B:-Orange
- C:-Watermelon
- D:-Paddy

Correct Answer:- Option-D

Question3:-What is known as Kalbaisakhi?

- A:-Cold wind
- B:-Storm
- C:-Dry wind
- D:-Cyclone

Correct Answer:- Option-C

Question4:-When did Indian population touch 100 crores?

- A:-2000 June-12
- B:-2000 June-11
- C:-2000 June-2
- D:-2000 June-13

Correct Answer:- Option-B

Question5:-In which state Joag waterfalls is located?

- A:-Karnataka
- B:-Tamil Nadu
- C:-Andhra Pradesh
- D:-Maharashtra

Correct Answer:- Option-A

Question6:-Which plan came into force as passed by Central Govt. on September 2005?

- A:-Indira Awas Yojana
- B:-National Employment Guarantee Scheme
- C:-Sampoorna Suchitwayajna
- D:-Integrated Housing and Slum Development Programme

Correct Answer:- Option-B

Question7:-R.M.S.A. Scheme belongs to which sector?

- A:-Secondary
- B:-Nursery
- C:-Primary
- D:-Higher education

Correct Answer:- Option-A

Question8:-The Moghul King who led first freedom struggle of 1857

- A:-Akbar
- B:-Jahangir
- C:-Humayun
- D:-Bahadurshah the second

Correct Answer:- Option-D

Question9:-In which movement Pochampalli village of A.P. is associated with?

- A:-Literacy Movement
- B:-Eradication of untouchability
- C:-Cultivation Movement
- D:-Bhudan Movement

Correct Answer:- Option-D

Question10:-In which year Moghul Empire was established?

- A:-1556
- B:-1526
- C:-1545
- D:-1546

Correct Answer:- Option-B

Question11:-With which movement Savarna Jatha (Upper Caste March) is associated?

- A:-Guruvayur Sathyagraha
- B:-Vaikam Sathyagraha
- C:-Salt Sathyagraha
- D:-Non Co-operation Movement

Correct Answer:- Option-B

Question12:-Name of the protest launched by Iyyankali against Ban on wearing Necklace by Backward people

- A:-Tholviraku Samaram
- B:-Melmundu Samaram
- C:-Kallumala Prakshobham
- D:-Kayyur Samaram

Correct Answer:- Option-C

Question13:-Name of the newspaper owned by Vakkam Abdul Khader Moulavi

- A:-Mathru Bhoomi
- B:-Swadeshahimani
- C:-Chandrika
- D:-Kerala Kaumudi

Correct Answer:- Option-B

Question14:-Who founded Athma Vidya Sangam?

- A:-Kumaranasan
- B:-Sri Narayana Guru
- C:-Vakbhatananda
- D:-Dr. Palpu

Correct Answer:- Option-C

Question15:-Who propagated the religious path Ayyavazhi?

- A:-Chattambi Swamygal
- B:-V.T. Bhattathirippad
- C:-Sagodharan Iyyappan
- D:-Vaikundha Swamygal

Correct Answer:- Option-D

Question16:-What does the yellow ring in the symbol of Olympic games denote?

- A:-Europe
- B:-Australia
- C:-Asia
- D:-South America

Correct Answer:- Option-C

Question17:-Who won the first gold in Rio Olympics 2016?

- A:-Verginia Thrasher
- B:-Michel Phelph
- C:-Vanderle Lamavo
- D:-Usainbolt

Correct Answer:- Option-A

Question18:-Who was selected as best Actor of India by the 63rd National Film Award Committee Judges?

- A:-Anupam Kher
- B:-Mammooti
- C:-Rajini Kanth
- D:-Amitabh Bachan

Correct Answer:- Option-D

Question19:-Who is the Prime Minister of Britain?

- A:-Theresa May
- B:-Margaret Thatcher
- C:-David Camaron
- D:-Bill Clinton

Correct Answer:- Option-A

Question20:-Who is the Co-operation and Tourism Minister in Kerala?

- A:-A.C. Moideen
- B:-P. Thilothan
- C:-G. Sudhakaran
- D:-E. Chandra Sekaran

Correct Answer:- Option-A

Question21:-The stair which is provided to turn through 180° is \_\_\_\_\_.

- A:-Circular stair
- B:-Quarter turn stair
- C:-Half turn stair
- D:-Bifurcating stair

Correct Answer:- Option-C

Question22:-For site exploration probing method is used up to a maximum depth of \_\_\_\_\_.

- A:-3 m
- B:-4.2 m
- C:-2.5 m
- D:-3.2 m

Correct Answer:- Option-A

Question23:-The coping provided at the foot of the gable wall is known as a \_\_\_\_\_.

- A:-Kneeler
- B:-Springer
- C:-Stooling
- D:-Label

Correct Answer:- Option-B

Question24:-Which of the following saw is used for cutting the wood along the grains?

- A:-Rip saw
- B:-Tenon saw
- C:-Dovetail saw
- D:-Compass saw

Correct Answer:- Option-A

Question25:-In which of the following directions, the strength of timber is maximum?

- A:-Parallel to grains
- B:-45° to grains
- C:-Perpendicular to grain
- D:-Same in all direction

Correct Answer:- Option-A

Question26:-Glazed tiles are fixed with \_\_\_\_\_ on the bath room wall.

- A:-Cement paste
- B:-Cement concrete
- C:-Cement mortar 1:3
- D:-All of these

Correct Answer:- Option-A

Question27:-Maximum safe bearing capacity of compacted gravel and moorum is \_\_\_\_\_ Kn/ "m<sup>2</sup>".

- A:-250
- B:-350
- C:-400
- D:-450

Correct Answer:- Option-D

Question28:-The D.P.C. treatment provide to foundation against gravitational water is \_\_\_\_\_.

- A:-Integral damp proofing
- B:-Asphalt tanking
- C:-Air drain
- D:-None of the above

Correct Answer:- Option-C

Question29:-Which of the following is not considered as a rusticated joint in stone masonry?

A:-Cramped joint

B:-Vee joint

C:-Channelled joint

D:-Vee and channelled joint

Correct Answer:- Option-A

Question30:-What is the name of the moulded wooden strip fixed round a door frame to improve the appearance?

A:-Fan-light

B:-Nosing

C:-Architrave

D:-Venetian window

Correct Answer:- Option-C

Question31:-Which of the following is a four centred arch?

A:-Semi-ellipse

B:-Florentine arch

C:-Lancet arch

D:-Venetian arch

Correct Answer:- Option-D

Question32:-The semi-circular projection which is formed on the edges or surfaces of wood is called \_\_\_\_\_.

A:-Groove

B:-Rebating

C:-Bead

D:-Nosing

Correct Answer:- Option-C

Question33:-What is the name of the movable barrier, secured in an opening?

A:-Windows

B:-Doors

C:-Ramp

D:-Staircases

Correct Answer:- Option-B

Question34:-Best type of piles for soft soil having little resistance to the flow of concrete is \_\_\_\_\_.

A:-Simplex pile

B:-Vibro pile

C:-Reymond pile

D:-Franki pile

Correct Answer:- Option-B

Question35:-The porosity of a good building stone should not be greater than \_\_\_\_\_.

A:-4%

B:-5%

C:-10%

D:-20%

Correct Answer:- Option-B

Question36:-For determining the initial setting time by Vicat apparatus, the weight of cement to be taken is \_\_\_\_\_.

A:-500 gm

B:-400 gm

C:-300 gm

D:-1000 gm

Correct Answer:- Option-C

Question37:-Ordinary Portland cement is available in \_\_\_\_\_ distinct grades.

A:-4

B:-3

C:-5

D:-6

Correct Answer:- Option-B

Question38:-Potash lead glass is also known as \_\_\_\_\_.

A:-Flint glass

B:-Soft glass

C:-Hard glass

D:-Bottle glass

Correct Answer:- Option-A

Question39:-What is the maximum percentage of water absorbed by a second class brick when soaked in water about 24 hours?

A:-18

B:-20

C:-24

D:-22

Correct Answer:- Option-D

Question40:-Wire cut bricks are made in \_\_\_\_\_.

A:-Plastic clay machine

B:-Dry clay machine

C:-Steel moulds

D:-Wooden moulds

Correct Answer:- Option-A

Question41:-1 Cent = \_\_\_\_\_ sqft

A:-40.47 sqft

B:-335.70 sqft

C:-435.70 sqft

D:-435.60 sqft

Correct Answer:- Option-D

Question42:-What is the reason of the timber defect named 'blue stain'?

A:-Conversion

B:-Fungi

C:-Insects

D:-Seasoning

Correct Answer:- Option-B

Question43:-Height of the slump cone is \_\_\_\_\_.

A:-30 cm

B:-10 cm

C:-20 cm

D:-40 cm

Correct Answer:- Option-A

Question44:-In type B the height of a capital letter is 4 mm. What is the dimension in mm for spacing between characters?

A:-2.4 mm

B:-5.6 mm

C:-0.4 mm

D:-0.8 mm

Correct Answer:- Option-D

Question45:-Type B lines represent \_\_\_\_\_ lines.

A:-Thick

B:-Continuous thin

C:-Centre

D:-Dashed thin

Correct Answer:- Option-B

Question46:-The T-Square with the working edge length of  $1000 \pm 10$  mm, is designated as \_\_\_\_\_.

A:-T0

B:-T2

C:-T1

D:-T3

Correct Answer:- Option-C

Question47:-What is the length to width ratio of the A2 drawing paper?

A:-1:2

B:- $\sqrt{1}$ :2

C:-1: $\sqrt{2}$

D:- $\sqrt{2}$ :1

Correct Answer:- Option-D

Question48:-Scales having same R.F but graduated to read different units are known as \_\_\_\_\_.

A:-Plane

- B:-Diagonal
- C:-Comparative
- D:-Vernier

Correct Answer:- Option-C

Question49:-Both external and internal details are shown in one view is \_\_\_\_\_.

- A:-Full section
- B:-Offset plane
- C:-Revolved section
- D:-Half section

Correct Answer:- Option-D

Question50:-In cabinet oblique projection, the angle between the plane of projection and the line of projection is \_\_\_\_\_.

- A:-30°
- B:-33°50'
- C:-63°26'
- D:-45°

Correct Answer:- Option-C

Question51:-Isometric view will be \_\_\_\_\_% larger than the isometric projection.

- A:-122.5
- B:-81.6
- C:-125.5
- D:-130

Correct Answer:- Option-A

Question52:-A solid having twelve equal and regular pentagons is called \_\_\_\_\_.

- A:-Icosahedron
- B:-Tetrahedron
- C:-Dodecahedron
- D:-Decahedron

Correct Answer:- Option-C

Question53:-A straight line having 2 cm length is placed parallel to V.P. and is inclined at 45° to H.P., the length of elevation view is \_\_\_\_\_.

- A:-1 cm
- B:-2 cm
- C:-`sqrt(2)` cm
- D:-3.14 cm

Correct Answer:- Option-B

Question54:-The usual method adopted for representing scale on map is \_\_\_\_\_.

- A:-diagonal scale
- B:-representative fraction
- C:-plain scale
- D:-graphical scale

Correct Answer:- Option-D

Question55:-The error in measured length due to bad ranging is \_\_\_\_\_.

- A:-Cumulative error
- B:-Compensative error
- C:-Instrumental error
- D:-Unavoidable error

Correct Answer:- Option-A

Question56:-At magnetic poles dip of a magnetic needle is \_\_\_\_\_.

- A:-0°
- B:-45°
- C:-180°
- D:-90°

Correct Answer:- Option-D

Question57:-When 1 cm on a map represents 20 m on the ground, the representative fraction of the scale is

- A:-1/20
- B:-1/200
- C:-1/2000
- D:-1/20000

Correct Answer:- Option-C

Question58:-The principle of working of optical square is based upon \_\_\_\_\_.

- A:-Reflection
- B:-Refraction
- C:-Double reflection
- D:-Double refraction

Correct Answer:- Option-C

Question59:-In which system, the bearing of a line is measured with magnetic north in clockwise direction?

- A:-The Quadrantal Bearing System
- B:-Reduced Bearing System
- C:-Magnetic Bearing System
- D:-The Whole Circle Bearing System

Correct Answer:- Option-D

Question60:-The top width of the embankment of road is called \_\_\_\_\_.

- A:-Roadway
- B:-Carriageway
- C:-Right of way
- D:-None of these

Correct Answer:- Option-A

Question61:-The difference in levels of the outer and inner edges of a road along the curves is called \_\_\_\_\_.

- A:-Cant
- B:-Gradient
- C:-Side slopes
- D:-Camber

Correct Answer:- Option-A

Question62:-The widening of road is not required when its radius will be \_\_\_\_\_.

- A:-Less than 350 m
- B:-More than 400 m
- C:-More than 300 m
- D:-More than 460 m

Correct Answer:- Option-C

Question63:-The circular isolated depressions formed on a road surface

- A:-Corrugation
- B:-Deformation
- C:-Pot holes
- D:-Borrow pit

Correct Answer:- Option-C

Question64:-When a rising grade meets with a horizontal road, the type of curve adopted to connect them is called \_\_\_\_\_.

- A:-Transition curve
- B:-Summit curve
- C:-Valley curve
- D:-Simple curve

Correct Answer:- Option-B

Question65:-Width of ballast section for Broad Gauge is

- A:-1.83 m
- B:-2.25 m
- C:-3.35 m
- D:-4.30 m

Correct Answer:- Option-C

Question66:-The tread of wheels is provided an outward slope of

- A:-1 in 10
- B:-1 in 20
- C:-1 in 15
- D:-1 in 25

Correct Answer:- Option-B

Question67:-The side slope of embankments for a railway track is generally taken as

- A:-1:1
- B:-2:1
- C:-1.5:1

D:-1:2

Correct Answer:- Option-B

Question68:-The minimum size of rainwater pipe shall be \_\_\_\_\_.

A:-40 mm

B:-50 mm

C:-75 mm

D:-100 mm

Correct Answer:- Option-B

Question69:-The effect produced by the elevation and general planning of a building is known as \_\_\_\_\_.

A:-Elegance

B:-Roominess

C:-Prospect

D:-Aspect

Correct Answer:- Option-A

Question70:-Site plan as per N.B.C 1970 should be drawn to a scale of not less than \_\_\_\_\_.

A:-1:200

B:-1:1000

C:-1:500

D:-1:300

Correct Answer:- Option-B

Question71:-Usual minimum size of service pipe for domestic water supply is \_\_\_\_\_.

A:-10 mm

B:-15 mm

C:-25 mm

D:-20 mm

Correct Answer:- Option-D

Question72:-As per N.B.C the minimum area of bath and WC is \_\_\_\_\_.

A:-2.8 `m^2`

B:-1.9 `m^2`

C:-2.2 `m^2`

D:-1.5 `m^2`

Correct Answer:- Option-A

Question73:-Shear reinforcement in R.C.C is provided to resist

A:-Vertical shear

B:-Horizontal shear

C:-Oblique shear

D:-Diagonal tension

Correct Answer:- Option-D

Question74:-A slab supported along two sides is called \_\_\_\_\_.

A:-Overhanging slab

B:-Two way slab

C:-One way slab

D:-Cantilever slab

Correct Answer:- Option-C

Question75:-In two way slab, each side of the square mesh in length should be \_\_\_\_\_.

A:-1/5 of the longer span

B:-1/5 of shorter span

C:-1/8 of longer span

D:-1/7 of longer span

Correct Answer:- Option-B

Question76:-Adding a thin layer of cement mortar to the surface of concrete

A:-Laitance

B:-Quartering

C:-Retempering

D:-Rendering

Correct Answer:- Option-D

Question77:-In two way slab the reinforcements in the shorter span are \_\_\_\_\_ in the longer span.

A:-More than

B:-Less than



C:-Same as

D:-Any of these

Correct Answer:- Option-A

Question78:-A channel aligned nearly parallel to the contours of the country is called \_\_\_\_\_.

A:-Ridge canal

B:-Watershed canal

C:-Contour canal

D:-Side slope canal

Correct Answer:- Option-C

Question79:-The ratio of the actually irrigated area during a year or during a crop to the culturable irrigable area

A:-Capacity coefficient

B:-Annual intensity

C:-Crop intensity

D:-Intensity of irrigation

Correct Answer:- Option-D

Question80:-A closed conduit or pipe for supplying water under pressure to a turbine

A:-Rapid

B:-Pen stock

C:-Drop

D:-Chute

Correct Answer:- Option-B

Question81:-The multiplying factor for painting in flush door for both sides is \_\_\_\_\_.

A:-2

B:-1

C:-2.25

D:-3

Correct Answer:- Option-A

Question82:-In calculating the quantity of brick work no deduction shall be for the opening up to \_\_\_\_\_.

A:-1 "m<sup>2</sup>"

B:-0.5 "m<sup>2</sup>"

C:-0.1 "m<sup>2</sup>"

D:-10 "m<sup>2</sup>"

Correct Answer:- Option-C

Question83:-10°C is equal to \_\_\_\_\_.

A:-50°F

B:-60°F

C:-80°F

D:-66°F

Correct Answer:- Option-A

Question84:-The ratio of load lifted to effort applied is known as \_\_\_\_\_.

A:-Velocity ratio

B:-Mechanical advantage

C:-Efficiency

D:-Input

Correct Answer:- Option-B

Question85:-A material which can be drawn in to fine wires is known as \_\_\_\_\_.

A:-Brittle material

B:-Malleable material

C:-Ductile material

D:-Soft material

Correct Answer:- Option-C

Question86:-The ability of material to resist deformation is called \_\_\_\_\_.

A:-Malleability

B:-Tenacity

C:-Plasticity

D:-Stiffness

Correct Answer:- Option-D

Question87:-The minimum width of septic tank is taken

A:-70 cm

B:-75 cm

C:-80 cm

D:-90 cm

Correct Answer:- Option-B

Question88:-The minimum diameter of a sewer pipe should be \_\_\_\_\_.

A:-5 cm

B:-25 cm

C:-20 cm

D:-10 cm

Correct Answer:- Option-D

Question89:-As per I.S : 456-2000, the minimum diameter of main bars in R.C.C columns should be \_\_\_\_\_.

A:-12 mm

B:-8 mm

C:-10 mm

D:-6 mm

Correct Answer:- Option-A

Question90:-The main function of the drier in painting is to \_\_\_\_\_.

A:-Absorb hydrogen from air

B:-Absorb carbon dioxide from air

C:-Absorb nitrogen from the air

D:-Absorb oxygen from the air

Correct Answer:- Option-D

Question91:-Thinner in plastic emulsion paint is \_\_\_\_\_.

A:-Turpentine

B:-Water

C:-Litharge

D:-Linseed oil

Correct Answer:- Option-B

Question92:-Oblique perspective is used to present \_\_\_\_\_.

A:-Interior details of building

B:-Long and wide building

C:-Interior details of machine

D:-Huge and tall building

Correct Answer:- Option-D

Question93:-Springers are those voussoirs of an arch which are provided at \_\_\_\_\_.

A:-Its extremes

B:-Any position

C:-Its centre

D:-None of these

Correct Answer:- Option-A

Question94:-Which line type is available when you start a new drawing in AutoCAD?

A:-Solid

B:-Hidden

C:-Continuous

D:-Straight

Correct Answer:- Option-C

Question95:-To switch isoplanes, you press

A:-F3

B:-F5

C:-F4

D:-F6

Correct Answer:- Option-B

Question96:-Which command do you use to draw a circle in isometric drafting?

A:-Spline

B:-Circle

C:-Arch

D:-Ellipse

Correct Answer:- Option-D

Question97:-A line with a tapering width can be easily created by using the \_\_\_\_\_ tool.

- A:-circle
- B:-polyline
- C:-line
- D:-ellipse

Correct Answer:- Option-B

Question98:-The Design Center is

- A:-A drop-down menu
- B:-A dialog
- C:-A right-click
- D:-A palette

Correct Answer:- Option-D

Question99:-Which is the short key of line?

- A:-L
- B:-Li
- C:-Lne
- D:-Lin

Correct Answer:- Option-A

Question100:-The most accurate method of plane tabling is \_\_\_\_\_.

- A:-Intersection method
- B:-Traversing method
- C:-Radiation method
- D:-Resection method

Correct Answer:- Option-C