LIVE

Question Paper Discussion

IIIrd GRADE OVERSEER, TRACER (CIVIL)

PWD/IRRIGATION

Cat no: 696/2022

Exam held on

14-07-2023

IIIrd GRADE OVERSEER, TRACER (CIVIL)
PWD/Irrigation

Sl.No	Subject	Marks
1	Basic Engineering Drawing	7
2	Surveying	15
3	Building Materials	11
4	Building Construction	11
5	Estimation	11
6	Concrete Technology	4
7	Water Resource Engineering	8

Sl.No	Subject	Marks
8	Reinforced Cement Concrete	3
9	Workshop calculation	4
10	Applied Mechanics	2
11	Computer fundamentals and AutoCAD	8
12	Environmental Engineering	6
13	Steel Structures	3
14	Transportation Engineering	7

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

1. Gross income-outgoings =

A. Net income

B. Net return

C. Both A and B

D. None of these

വിവിധ സിവിൽ എഞ്ചിനീയറിംഗ് മത്സരപരീക്ഷകളിലെ സിവിലിയൻസിൽ നിന്നുള്ള ഒന്നാം റാങ്കുകാരാണിവർ

1ST RANKERS

Sravan S
AE-**PWD**

Greeshma S
AE-**Irrigation**(DC)

Chithra C
AE-**PWD** (DC)

Prijil P T
AE-**LSGD** (DC)

Pouthramanu V
AE-**PCB**

Nikhil Soman
Junior Instructor
Draftsman Civil

Hannath N M
Work Superintendent
SS&SC Dept.

Answara S
Lecturer Gr. I
Rural Egg.

Gargi S
Work Superintendent
SS&SC Dept.

Sithara T P
FACT Technician-
CIVIL

Jesin Rajan
Training Instructor-
CIVIL - SCDD

Nanda M S
PWD/IRRIGATION
OVERSEER GR.I

Sidharth A
PWD/IRRIGATION
OVERSEER GR.II

Nithin A
Training Instructor-
SURVEY - SCDD

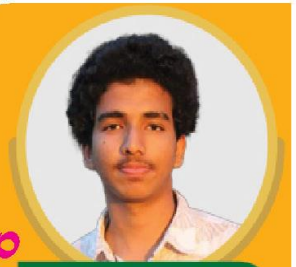
Anjali S
KAMC Draftsman-
CIVIL

Kavya K S
Tradesman (Survey)-
TECHNICAL EDUCATION Dept.

Anand V
Tracer-
Soil Conservation

Amrutha S
Work Supervisor-
KSFCL

ഇത് ചരിത്രം



Adwaith Vilas
Surveyor Gr II GW Dept.

സിവിൽ എഞ്ചിനീയറിംഗ് പി.എസ്.സി. പരീക്ഷയുടെ ചരിത്രത്തിൽ ആദ്യമായി 100 ൽ 100 മാർക്കും നേടി സിവിലിയൻസിലെ ഉദ്യോഗാർത്ഥി

AE-PWD	6 RANKS IN FIRST 10
AE-Irrigation	Two in every 5 CANDIDATES IN RANKLIST IS FROM CIVILIANZ.
AE-LSGD	One in every 3 CANDIDATES IN RANKLIST IS FROM CIVILIANZ.
AE-PCB	56 RANKS IN FIRST 100
Junior Instructor	7 RANKS IN FIRST 10
Overseer	50% OF THE RANKLIST IS FROM CIVILIANZ.

2. A semi Corrugated or Tafford sheet has a standard width of

A. 0.9 m

B. 1m

C. 1.05 m

D. 1.10 m

3. Painting coefficient for partly panelled and partly glazed or gauged doors and windows

A. $2\frac{1}{4}$ times one surface area for both sides

B. 1 time one surface area for both sides

C. 3 times one surface area for both sides

D. 2 times one surface area for both sides

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

4. In measuring formwork, no deduction is made for opening upto (IS 1200 - Part 5 1982)

A. 1 sq.m

B. 0.5 sq.m

C. 0.4 sq.m

D. 0.7 sq.m

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

5. _____estimate is required to decide the financial position and policy for administrative sanction by the competent administrative authority.

A. Detailed estimate

B. Revised estimate

C. Approximate estimate

D. All of the above

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

6. Quantity of cement required for one unit of RCC 1: 1.5:3

A. 3.3 kg

B. 3.8 kg

C. 4.32 kg

D. 4.83 kg

7. The multiplying factor which when multiplied by the net income gives capitalized value of the property of the present time

A. Year's purchase

B. Sinking fund

C. Capital cost

D. Rate of interest

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

8. Density of mild steel

A. 0.785 gram/cum

B. 7850 sq.cum

C. 78.5 kg.cum

D. All of these

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

9. Earth work for open-well excavation of diameter 6m, the rate increased for the first 1.5 m depth after the initial depth of 1.5 m is

A. 10%

B. 15%

C. 20%

D. 25%

10. Pick up the right statement regarding deduction in plastering.

A. No deduction made on area of opening exceeding 3 m^2

B. Deductions are made on area of openings of 0.5 m?

C. Deductions made on one side for area of opening 0.5 m^2 to 3 m^2

D. Deductions on both sides are made for area of opening of 0.5 m^2

11. If the payments of annuity continue for a indefinite period it is known as

A. Annuity due

B. Deffered annuity

C. Perpetual annuity

D. Annuity certain

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

12. For the supply of stiff paint, unit of measurement in MKS system is

A. Litre

B. Per bottle

C. Kg

D. None of these

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

13. In a map, if 20 miles is represented as 5 cm. Find the length of kilometre scale if maximum length to be measured is 5 km.

A. 4 cm

B. 64.36 cm

C. 6.436 cm

D. 0.7768 cm

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

20 miles $\longrightarrow$ 5cm

20×1.61 km $\longrightarrow$ 5cm

5 km $\longrightarrow$ x

$$x = \frac{5 \times 5}{20 \times 1.61}$$

$$= \underline{\underline{0.7768 \text{ cm}}}$$

14. A line of length X cm lied on HP turned 60° with respect to HP keeping one of its ends fixed and attained inclined length of Y cm from top view. True statement is

A. X = Y

B. X = 2×Y

C. X= ×Y

D. X> Y

15. The ratio of long to short dashes in a chain line ranges from

A. 3:1 to 2: 1

B. 6:1 to 4: 1

C. 8:1 to 10: 1

D. 5:1 to 7:1

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

16. Folding method of drawing sheet as per method 1 is

A. 297 × 210

B. 297 × 190

C. 185 x 65

D. 240 x 330

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

SECTION 4 FOLDING OF DRAWING PRINTS

[Based on IS 11664 : 1986]

4.1 Scope

This section covers two methods of folding of drawing prints.

4.1.1 The first method is intended for drawing prints to be filed or bound, while the second method is intended for prints to be kept individually in filing cabinet.

4.2 Basic Principles

The basic principles in each of the above methods are to ensure that:

a) all large prints of sizes higher than A4 are folded to A4 sizes;

b) the title blocks of all the folded prints appear in topmost position; and

c) the bottom right corner shall be outermost visible section and shall have a width not less than 190 mm.

4.3 Depending on the method of folding adopted, suitable folding marks are to be introduced in the tracing sheets as guide.

4.4 Method of Folding of Drawing Prints

The methods recommended for folding are indicated in Fig. 4.1 and 4.2

17. The asymptotes of any hyperbola intersects at

A. On the directrix

B. On the axis

C. At focus

D. Centre

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

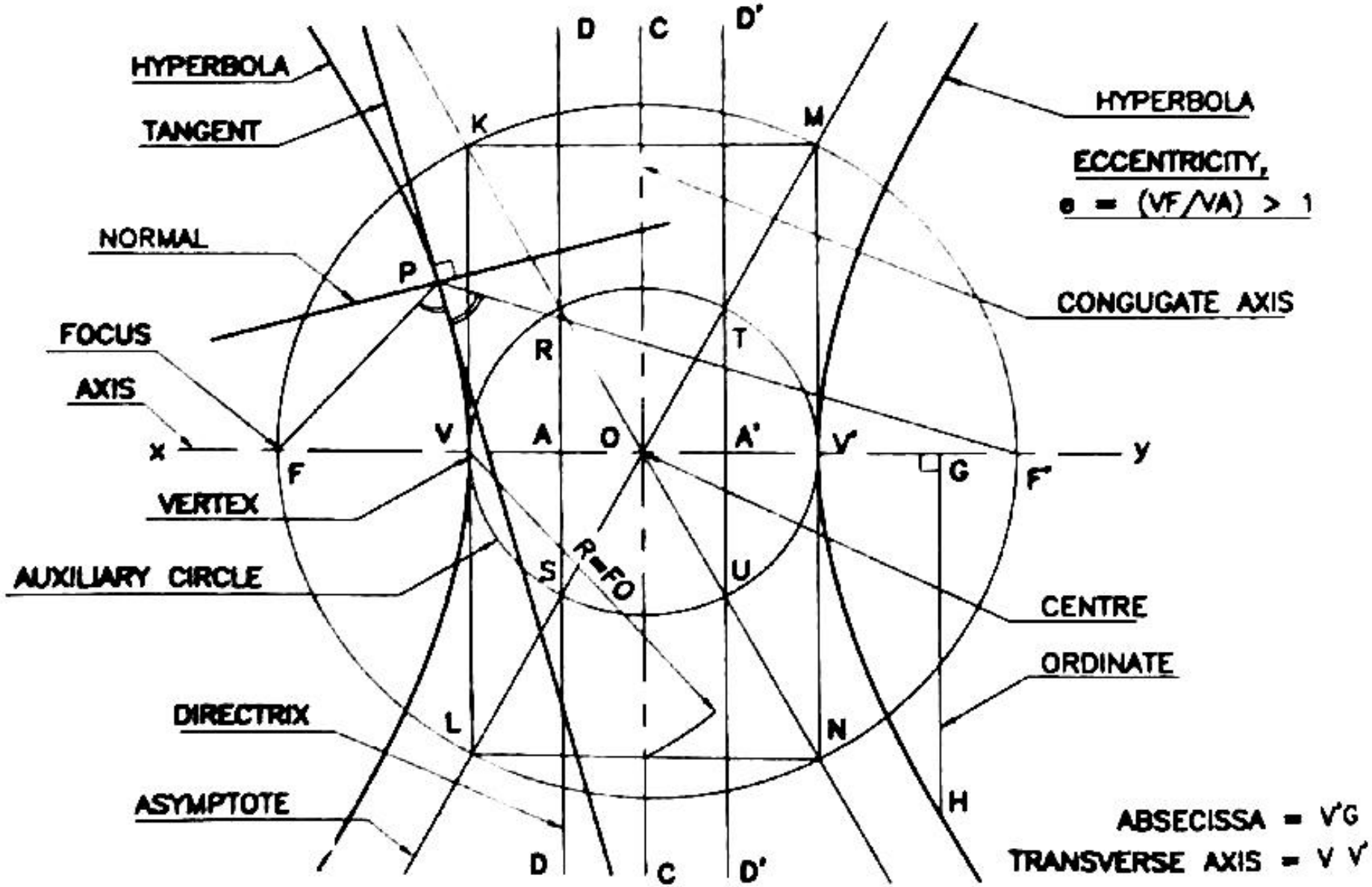


Fig. 6.38 Terminology of hyperbola

18. Which of the following grades of leads is the hardest?

A. 4B

B. F

C. HB

D. 6B

19. For an ellipse, the sum of the distances to a point on the curve from the foci is

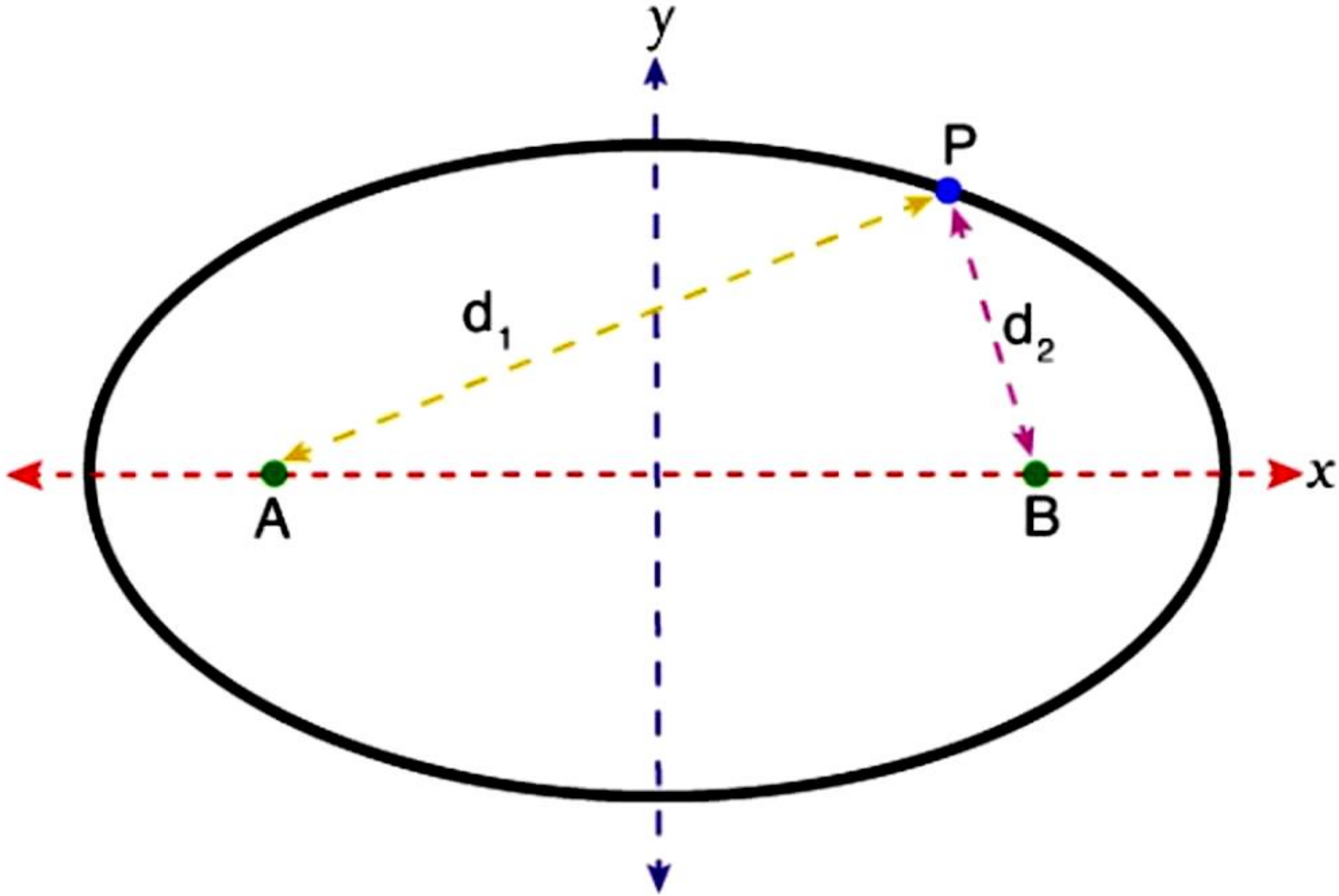
A. Not a constant

B. Constant and is equal to the length of the major axis

C. Constant and is equal to the length of the minor axis

D. None of these

GATE + AE
Direct Batch
For more details:
82 81 00 33 66


y
P
d1
d2
A
B
x

20. In lettering A the height of capital letters is divided into

A. 10 equal parts

B. 8 equal parts

C. 14 equal parts

D. 12 equal parts

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

21. Impact test is used to find the

A. The hardness of a stone

B. The toughness of a stone

C. Compressive strength of stone

D. Rate of wear of stones

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

22. Which of the following constituents imparts the uniform shape to the bricks ?

A. Lime

B. Oxide of iron

C. Silica

D. Alumina

23. The commonly used lime in white washing

A. Fat lime

B. Hydraulic lime

C. Lean lime

D. Quick lime

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

24. How many operations are involved in the manufacture of fat lime?

A. 1

B. 2

C. 3

D. 4

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

25. The defect which is denoted by the presence of original rounded surface on a manufactured piece of timber is known as

A. Chip mark

B. Torn grain

C. Wane

D. Diagonal grain

26. Aldural is also known as

A. Aluminium bronze

B. Alclad

C. Delta metal

D. Autoclave

27. The name of burning zone of blast furnace

A. Hearth

B. Throat

C. Bosh

D. Tuyeres

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

28. Which type of water reducing admixtures usually retard the setting time of concrete by one to three hours?

A. Type A

B. Type B

C. Type C

D. Type D

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

29. Recommended Slump of normal RCC work

A. 20 to 40 mm

B. 80 to 150 mm

C. 40 to 50 mm

D. 90 to 100 mm

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

30. The first burning of polished terracotta is known as

A. Biscuiting

B. Falence

D. Static porcelain

C. Zircon porcelain

31. The bulk density of heavy mortar is more than

A. 50 KN/mm³

B. 15 KN/mm³

C. 500 KN/mm³

D. 115 KN/mm³

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

32. The workability of concrete is determined by

A. Voids test

B. Slump test

C. Arbitrary test

D. Compressive strength test

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

33. Which type of paint is widely used for showrooms, auditoriums etc.?

A. Plastic paint

B. Oil paint

C. Luminous paint

D. Inodorous paint

34. In coursed rubble masonry II sort the thickness of the mortar joints is

A. 12 mm

B. 10 mm

C. 14 mm

D. 16 mm

35. The termination of a wall in a stepped fashion is known as

A. Squint quoin

B. Bullnose

C. Toothing

D. Racking back

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

36. The maximum safe bearing capacity value for soft rocks is

A. 150 KN/m^2

B. 50 KN/m^2

C. 450 KN/m^2

D. 250 KN/m^2

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

37. Example of four centred arch is

A. Drop arch

B. Segmental arch

C. Tudor arch

D. Bull's eye arch

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

38. The usual concrete mix for RCC lintel is

A. 1:2:4

B. 1:3:4

C. 1:3:5

D. 1:4:6

39. The angle of inclination of the stair with the floor is known as

A. Run

B. Scotia

C. Pitch

D. Nosing

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

40. Which of the following is the vertical member carrying the axial load?

A. Cantilever beam

B. Slab

C. Column

D. One way slab

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

41. The window project outside the external walls of a room is known as

A. Dormer window

B. Corner window

C. Bay window

D. Clerestorey window

42. Name of a two storey truss

A. Truncated truss

B. Bel-fast truss

C. Mansard truss

D. Steel truss

43. The size of rivet is expressed by

A. Diameter of shank

B. Diameter of head

C. Shape of head

D. Length of shank

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

44. The minimum clear cover required for column is

A. 25 mm

B. 15 mm

C. 40 mm

D. 50 mm

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

45. Weight/m of 6 mm diameter round bar is

A. 0.22 kg/m

B. 0.62 kg/m

C. 2.45 kg/m

D. 0.39 kg/m

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

46. Suitable span for a double joint timber floor is

A. 3.60 m to 7.50 m

B. 8 m to 12 m

C. 12 m to 14 m

D. 14 m to 16 m

47. Number of Mangalore tiles required for covering one square meter of roof area is

A. 50

B. 15

C. 40

D. 25

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

48. Which pile is to be preferred for foundation in black cotton soil ?

A. Franke pile

B. Under reamed pile

C. Fender pile

D. Friction pile

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

49. A flexible damp proofing material which is easy to lay and available in rolls

A. Bricks

B. Stones

C. Hot bitumen

D. Bituminous felt

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

50. The inclined member of a stair which supports the ends of steps is known as

A. Tread

B. Winder

C. String

D. Walking line

51. How much yield stress does a twisted bar have more than an ordinary mild steel bar?

A. 50%

B. 10%

C. 20%

D. 30%

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

52. In a cantilever bear the main reinforcement should be provided in

A. Top at free end of beam

B. Middle at free end of beam

C. Top at fixed end of beam

D. Bottom at free end of beam

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

53. Type of survey used to determine different strata of earth's crust is

A. Geological survey

B. Mine survey

C. Topographical survey

D. Geodetic survey

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

54. In prismatic compass, when the needle points north, the reading under the prism should be

A. 180°

B. 90°

D. 270°

C. 0°

55. The point on which both the fore sight and back sight readings are taken from the previous and new positions of instrument is

A. Bench Mark

B. Datum

C. True Meridian

D. Change point

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

56. The bearing of line AB expressed in the direction A to B, then the bearing is

A. Fore bearing of AB

B. Back bearing of AB

C. Fore bearing of BA

D. Reduced bearing

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

57. Orientation by back sighting is done by using

A. Trough compass

B. Alidade

C. Spirit level

D. Prismatic compass

58. The process of placing the contour lines proportionally between the plotted ground points is known as

A. Interpolation

B. Estimation

C. Reconnaissance

D. Relief

59. An imaginary line joining the intersection of the cross hairs with optical centre of the object glass and its continuation, is called

A. Vertical axis

B. Axis of level tube

C. Axis of telescope

D. Line of collimation

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

60. When the vertical circle on the left of the telescope and the target on telescope is up, then it is called

A. Telescope normal

B. Least count

C. Resection

D. Traversing

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

61. A circular curve which is comprised of a series of two or more simple curves of different radii which turn in the same direction is called

A. Simple curve

B. Reverse curve

C. Summit curve

D. Compound curve

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

62. An electronic optical instrument widely used in modern surveying is

A. Digital theodolite

B. Auto level

C. Plane table

D. Total station

63. Where is data stored in Total Station ?

A. Pen drive

B. Data card

C. Micro processor

D. External hardware

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

64. Which equipment is used to reflect rays back precisely in the same direction ?

A. Micro processor

B. Prism

C. Tilting level

D. Theodolite

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

65. What is meant by GPS?

A. Global Processing System

B. Geographic Positional System

C. Global Positioning System

D. Geodetic Positional System

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

66. How many GPS satellites are available in space segment?

A. 33

B. 21

C. 48

D. 28

67. In autocad effective diameter of the cursor on the screen is called

A. Aperture

B. Coordinate

C. Origin

D. Spline

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

68. What is the full form of GUI?

A. Graphical User Installation

B. Global User Installation

C. Graphical User Interface

D. Geometrical User Information

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

69. The command used in autocad to erase a part of an object between two points is called

A. Chamfer

B. Break

C. Extend

D. Mirror

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

70. What is the use of function key F8 in autocad?

A. Osnap

B. Ortho

C. Print

D. Save as

71. What is the use of shortcut key 'M' ?

A. Multi text

B. Modify text

C. Move

D. Offset

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

72. In autocad the method for indicating point locations using existing drawing objects as references is called

A. Object snap

B. Aperture

C. Array

D. Offset

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

73. In autocad the origin of drawing is

A. 1, 1

B. 1. 0

C. 0, 0

D. 0.1

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

74. Which command is used to copy the properties from one object to one or more objects?

A. Match properties

B. Copy

C. Property palette

D. Grid

75. What denotes letter K in MKS system?

A. Kilogram

B. Kilometer

C. Kelvin

D. Millimetre

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

76. What is the ratio of power output to power input?

A. Work

B. Efficiency

C. Acceleration

D. Energy

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

77. What is the name of fixed or supporting point of a lever?

A. Mechanical advantage

B. Effort

C. Load

D. Fulcrum

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

78. When θ increases, sine value

A. Increases

B. Decreases

C. Constant

D. 0

79. Curved area of cylinder is

A. $4/3\ \pi r^3$

B. $2\ \pi\ r$

C. $2\ \pi\ rh$

D. $2h(l+b)$

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

80. How many millimetres are there in 1 inch ?

A. 2.54 mm

B. 25.4 mm

C. 24.5 mm

D. 2.45 mm

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

81. The irrigation capacity of unit quantity of water

A. delta

B. Duty

C. base period

D. crop period

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

82. The canal aligned at right angles to the Contour of a Country is known as

A. side slope canal

B. contour canal

C. water shed canal

D. branch canal

83. The season in which the crops are sown by the beginning of south - west monsoon and they are harvested in autumn

A. rabi

B. Kharif

C. both A. and B.

D. none of these

84. The device which is placed infront of head regulator for silt removal is

A. weir

B. Barrage

C. silt excluder

D. silt extractor

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

85. With reference to hydro power station, the graphical representation of discharge and time is

A. hyetograph

B. load duration curve

C. load curve

D. hydrograph

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

86. Check flooding method of irrigation is used for

A. closed growing crops

B. crops which can stand in undulation of water for some time

C. tracks with flat gradients

D. none of these

87. On the recommendations of Indian Road Congress, the ruling gradient in plains, is

A. 1 in 15

B. 1 in 20

C. 1 in 30

D. 1 in 45

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

88. A curve whose radius gradually changes from an infinite value to a finite value or vice-versa is called

A. circular curve

B. transition curve

C. simple curve

D. compound curve

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

89. The stopping sight distance depends upon the

A. reaction time

B. braking time

C. speed of vehicle

D. all of these

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

90. The standard size of wooden sleepers on broad gauge railway track

A. 152 cm x 15 cm × 10 cm

B. 183 cm x 20 cm × 11 cm

C. 275 cm x 25 cm x 13 cm

D. None of these

91. Minimum packing space provided between two sleepers is

A. 250 mm to 300 mm

B. 350 mm to 400 mm

C. 300 mm to 350 mm

D. None of these

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

92. The width of top portion of a flat - footed rail, is

A. 66.68 mm

B. 69.80 mm

C. 73.25 mm

D. 75.87 mm

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

93. Skew bridge has an angle

A. 0 degree

B. 90 degree

C. both A. and B.

D. other than right angle

ISRO BOOK CIVIL
For more details:
82 81 00 33 66

94. Which is the temporary pier made in the river bed?

A. kerb

B. Scuppers

C. Abutment

D. cribs

95. The effluent from the septic tank is discharged into

A. drainage

B. oxidation pond

C. Sewer

D. soak pit

75 DAYS COURSE
OVERSEER CIVIL
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

96. Permanent hardness of water can be removed by

A. adding alum

B. adding chlorine

C. zeolite process

D. boiling

VAJRA BATCH
For Civil Engineering Exams
PRE-RECORDED CLASSES
For more details:
82 81 00 33 66

97. The pipe through which liquid waste carrying human excreta flows.

A. waste pipe

B. soil pipe

C. vent pipe

D. all of these

ASSISTANT ENGINER
DIRECT BATCH
For more details:
82 81 00 33 66

98. In India which type of sewer system are preferred ?

A. partial

B. Combined

C. Direct

D. separate

99. Garbage is a

A. semi liquid waste

B. Liquid waste

C. dry waste

D. None of these

GATE + AE
Direct Batch
For more details:
82 81 00 33 66

ASST. ENGG -PWD

+Many More...

ASST. ENGG -IRRIGATION

+Many More...

ASST. ENGG -LSGD

+Many More...

PWD/IRRIGATION - OVERSEER GR.III

+Many More...

TRACER/OVERSEER GRADE III - KWA

+Many More...

+Many More...

Disclaimer:-The ranklist shown above is incomplete and limited to few toppers only due to space constraints

GATE 2021/2022

RRB JUNIOR ENGINEER

No.1 Coaching centre in Kerala for Civil Engineering Competitive Exams for a reason!

100. Design period for slow sand filters as suggested

A. 30 years

B. 50 years

C. 25 years

D. 10 years

GATE + AE
Intensive Batch
For more details:
82 81 00 33 66

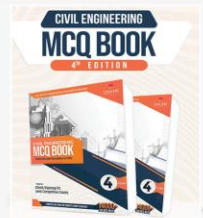
OUR OTHER PUBLICATIONS

A COMPREHENSIVE MATERIAL for GATE CIVIL ENGINEERING

This book is a comprehensive Compilation of chapter wise theory concepts, detailed solutions of questions. Curated with latest syllabus of GATE exam, this book isa sure shot for all civil engineering exampreparations.

A COMPLETE GUIDE FOR LATERAL ENTRY TEST

A Must-Buy bundle for all engineering diploma holders which helps in the preparations for B. Tech lateral entry examination. This book comprises of theory portions & 1000+ questions with their detailed explanation, covering the entire syllabus of LET.



CIVIL ENGINEERING MCQ BOOK COMPREHENSIVE COMPILATION OF MCQ

Get the largest Compilation of Civil Engineering MCQ with Solution. The book includes Chapterwise Sorted Questions useful for B.Tech / Diploma / ITI Level Competitive exams. More than 10000 questions and answers with proper clarification for confusing questions.

ISRO-CIVIL ENGINEERING PREVIOUS YEAR QUESTION PAPERS WITH DETAILED SOLUTION

ISRO Civil Engineering Previous Question papers with detailed explanation and Interview questions conducted by the recruitment wing of ISRO. A very helpful resource for all PSU level exams in Civil Engineering.

A COMPLETE GUIDE FOR LATERAL ENTRY TEST

This book is a comprehensive Compilation of chapter wise theory concepts, detailed solutions of questions. Curated with latest syllabus of GATE exam, this book is a sure shot for all civil engineering exam preparations.

A QUICK REFERENCE BOOK FOR CIVIL ENGINEERING EXAMS

A quick reference book for Civil Engineering Exams - thoroughly revised edition of our best seller book. Questions and answers are given from all subjects in Civil Engineering, arranged chapter wise.

NIMI TEST SERIES

Questions from NIMI Textbook are mostly expected in overseer exams. Practice the questions in NIMI Book & analyse your performance level online.

SCAN ME! To enroll NIMI Test Series

Get our publications at www.civilianz.com/publications

amazon Flipkart