

Program: T.E.(CIVIL)(SEM VI)(REV.-2016)(Choice Based)

Curriculum Scheme: Revised 2016

Examination: Third Year Semester VI

Course Code and Course Name: CEC603 Transportation Engineering-II

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	Distance Between The Inner Rail And Check Rail Provided On Sharp Curve, Is
Option A:	40 Mm
Option B:	42 Mm
Option C:	44 Mm
Option D:	46 Mm
Q2.	Wooden Sleepers Used On The Girders Of Bridges, Are Generally Made Of
Option A:	Sal
Option B:	Chir
Option C:	Teak
Option D:	Deodar.
Q3.	Composite Sleeper Index Is Index Of
Option A:	Hardness And Strength
Option B:	Strength And Toughness
Option C:	Toughness And Wear Resistance
Option D:	Wear Resistance And Hardness
Q4.	The Theory Of Development Of Creep Due To Backward Thrust Of Driving Wheel Is
Option A:	Wave Motion Theory
Option B:	Drag Theory
Option C:	Theory Of Elasticity
Option D:	Percussion Theory
Q5.	For Holding A Rail In Position, No Chairs Are Used For
Option A:	Flat Footed Rails
Option B:	Bull Headed Rails
Option C:	Double Headed Rails
Option D:	Bull Headed And Double Headed
Q6.	Minimum Gradient In Station Yards Is Generally Limited To
Option A:	1 In 1000
Option B:	1 In 750
Option C:	1 In 500

Option D:	Zero.
Q7.	Wing Rails Are Provided
Option A:	Near Tongue Rails
Option B:	Near Check Rails
Option C:	Near Stock Rails
Option D:	In Crossing.
Q8.	Maximum Cant Deficiency Prescribed On Indian Board Gauge Railways, Is
Option A:	40 Mm
Option B:	50 Mm
Option C:	75 Mm
Option D:	100 Mm
Q9.	Heel Of Crossing Is The Line Joining
Option A:	Ends Of Splice Rail And Point Rail
Option B:	Ends Of Lead Rails Butting The Crossing
Option C:	Ends Of Wing Rails
Option D:	Throat And Actual Nose Of Crossing.
Q10.	A Triangle Of Railway Consists Of
Option A:	Three Turn Outs
Option B:	One Turn Out And Two Diamonds
Option C:	Two Turn Outs And One Split
Option D:	One Turn Out, One Split And One Diamond
Q11.	The Best Direction Of A Runway Is Along The Direction Of
Option A:	Longest Line On Wind Rose Diagram
Option B:	Shortest Line On The Wind Rose Diagram
Option C:	Line Clear Of Wind Rose Diagram
Option D:	Only Wind Rose Diagram
Q12.	For A Runway At An Elevation Of 1000m Above Msl And Airport Reference Temperature Of 16°C, The Rise In Temperature To Be Taken Into Account As Per ICAO is
Option A:	24.5°C
Option B:	15°C
Option C:	7.5°C
Option D:	6°C
Q13.	The Minimum Turning Radius Of Taxiway For Supersonic And Subsonic Respectively Is
Option A:	120m And 180m
Option B:	180m And 120m
Option C:	60m And 120m
Option D:	180m And 60m

Q14.	The Lift Off Distance Is The Distance Along The Centre Of The Runway Between The Starting Point And
Option A:	End Of The Runway
Option B:	End Of Stop Way
Option C:	Point Where Air Craft Becomes Air Borne
Option D:	Point Where Air Craft Attains A Height Of 10.7 M
Q15.	According To I.C.A.O. All Markings On The Runways Are Painted White And On Taxiways
Option A:	Black
Option B:	Red
Option C:	Yellow
Option D:	Green
Q16.	Select Correct Order To Develop And Improving Existing Airport (1) Improvement Of Airport Capacity (2) Traffic Forecast (3) Planning Of New Airport (4) Determination Of Capacity Of Existing Airport
Option A:	1-2-3-4
Option B:	2-4-1-3
Option C:	4-3-2-1
Option D:	3-4-1-2
Q17.	The Minimum Length Of Threshold Marking At Runway End
Option A:	30m
Option B:	60m
Option C:	90m
Option D:	25m
Q18.	Which Is Not The Air Port As Per ICAO
Option A:	A Type
Option B:	E Type
Option C:	D Type
Option D:	U Type
Q19.	Runway Is Also Called As
Option A:	Landing Strip
Option B:	Airway
Option C:	Plan Way
Option D:	Road Way
Q20.	Glide Slope Antenna Guide The Pilot For Correct _____ Of Runway During Landing
Option A:	Corner
Option B:	Angle
Option C:	Level

Option D:	Height
Q21.	In Aircraft Parking Configuration The Fuselage Is Kept Perpendicular To Terminal Building Is Known As
Option A:	Angle Nose-Out
Option B:	Angle Nose-In
Option C:	Nose-In
Option D:	Parallel
Q22.	The Fixed Mooring Require
Option A:	Mooring Post
Option B:	Buoys
Option C:	Cables
Option D:	Anchors
Q23.	When The Bottom Is Rock, Maximum Harbour Depth Is
Option A:	Loaded Draft + 1.2m
Option B:	Loaded Draft + 2.8m
Option C:	Loaded Draft + 1.5m
Option D:	Loaded Draft + 1.8m
Q24.	A Culvert Having A Length Less Than 1m Is Called
Option A:	Minor Bridge
Option B:	Vent Way
Option C:	Culvert
Option D:	Viaduct
Q25.	Temporary Bridge Is Provided Under The Condition When
Option A:	Sufficient Funds Are Available
Option B:	Time For Construction Is Short
Option C:	Technical Knowledge Is Available
Option D:	Skilled Labours Are Available