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OSSC Amin

Previous Year Paper
(Mains)
03 Dec, 2023



OSSC MWE for the Post of AMIN 03 Dec 23 S1
Tentative Score

Participant ID	
Participant Name	
Test Center Name	
Test Date	03/12/2023
Test Time	8:30 AM - 10:30 AM
Subject	AMIN
Marks Obtained	

Section : Concepts of Geometry and Mensuration

Q.1 If the vertices of two triangles are such that,
 $A \leftrightarrow Q, B \leftrightarrow P$ & $C \leftrightarrow R$, then

- Ans
- ☒ 1. $ABC \leftrightarrow PQR$
 - ☒ 2. $ABC \leftrightarrow QRP$
 - ☒ 3. $ABC \leftrightarrow QPR$
 - ☒ 4. $APR \leftrightarrow BQC$

Question Type : MCQ
Question ID : 49063910234
Option 1 ID : 49063937333
Option 2 ID : 49063937334
Option 3 ID : 49063937335
Option 4 ID : 49063937336
Status : Answered
Chosen Option : 3
Marks : 2

Q.2 Two parallelograms are of equal base and between the same parallel lines. Then the ratio of their areas is

- Ans
- ☒ 1. 1:2
 - ☒ 2. 1:1
 - ☒ 3. 3:1
 - ☒ 4. 4:1

Question Type : MCQ
Question ID : 49063910247
Option 1 ID : 49063937385
Option 2 ID : 49063937386
Option 3 ID : 49063937387
Option 4 ID : 49063937388
Status : Answered
Chosen Option : 2
Marks : 2

Q.3 Find the total surface area of a cube whose side measures 5 cm:

- Ans
- ☒ 1. 50 cm²
 - ☒ 2. 100cm²
 - ☒ 3. 150 cm²
 - ☒ 4. 200 cm²

Question Type : MCQ
Question ID : 49063910250
Option 1 ID : 49063937397
Option 2 ID : 49063937398
Option 3 ID : 49063937399
Option 4 ID : 49063937400
Status : Answered
Chosen Option : 3
Marks : 2

Q.4 Which of the following is the correct combination of measures of the sides of a triangle ?

- Ans
- ✓ 1. 8,10,15
 - ✗ 2. 6,2,8
 - ✗ 3. 18,10,6
 - ✗ 4. 9,5,4

Question Type : MCQ

Question ID : 49063910228

Option 1 ID : 49063937309

Option 2 ID : 49063937310

Option 3 ID : 49063937311

Option 4 ID : 49063937312

Status : Answered

Chosen Option : 1

Marks : 2

Q.5 Find the length of the chord of a circle whose radius is 7.5 cm and distance from the center is 4.5 cm.

- Ans
- ✗ 1. 6 cm
 - ✗ 2. 36 cm
 - ✓ 3. 12 cm
 - ✗ 4. 24 cm

Question Type : MCQ

Question ID : 49063910207

Option 1 ID : 49063937225

Option 2 ID : 49063937226

Option 3 ID : 49063937227

Option 4 ID : 49063937228

Status : Answered

Chosen Option : 3

Marks : 2

Q.6 The area of a circle that can be inscribed in a square of side 6 cm is:

- Ans
- ☐ 1. $36\pi \text{ cm}^2$
 - ☐ 2. $18\pi \text{ cm}^2$
 - ☐ 3. $12\pi \text{ cm}^2$
 - ☒ 4. $9\pi \text{ cm}^2$

Question Type : MCQ

Question ID : 49063910205

Option 1 ID : 49063937217

Option 2 ID : 49063937218

Option 3 ID : 49063937219

Option 4 ID : 49063937220

Status : Answered

Chosen Option : 4

Marks : 2

Q.7 The altitudes of a triangle are concurrent. The point of concurrency of the altitudes is called:

- Ans
- ☐ 1. Circum-center
 - ☒ 2. Orthocenter
 - ☐ 3. Centroid
 - ☐ 4. Concurrent

Question Type : MCQ

Question ID : 49063910230

Option 1 ID : 49063937317

Option 2 ID : 49063937318

Option 3 ID : 49063937319

Option 4 ID : 49063937320

Status : Answered

Chosen Option : 2

Marks : 2

Q.8 The angles of a quadrilateral are in the ratio 2:3:5:8 find the measure of the smallest angle.

Ans

- ☐ 1. 20^0
- ☐ 2. 140^0
- ☒ 3. 40^0
- ☐ 4. 160^0

Question Type : MCQ

Question ID : 49063910237

Option 1 ID : 49063937345

Option 2 ID : 49063937346

Option 3 ID : 49063937347

Option 4 ID : 49063937348

Status : Answered

Chosen Option : 3

Marks : 2

Q.9 .The chord which passes through the centre of the circle, is called

Ans

- ☐ 1. Radius of the circle
- ☒ 2. Diameter of the circle
- ☐ 3. Arc of the circle
- ☐ 4. Smallest Segment of the circle

Question Type : MCQ

Question ID : 49063910242

Option 1 ID : 49063937365

Option 2 ID : 49063937366

Option 3 ID : 49063937367

Option 4 ID : 49063937368

Status : Answered

Chosen Option : 2

Marks : 2

Q.10

If the angles of a triangle are in the ratio 5:3:7, then triangle is:

Ans

- ✓ 1. an acute angled triangle
- ✗ 2. an obtuse angled triangle
- ✗ 3. a right-angled triangle
- ✗ 4. an isosceles triangle

Question Type : MCQ

Question ID : 49063910245

Option 1 ID : 49063937377

Option 2 ID : 49063937378

Option 3 ID : 49063937379

Option 4 ID : 49063937380

Status : Answered

Chosen Option : 1

Marks : 2

Q.11 Find the area of a triangle whose base is 2m & height 60 cm.

Ans

- ✗ 1. 6 m²
- ✗ 2. 60 m²
- ✓ 3. 0.6 m²
- ✗ 4. 0.06 m²

Question Type : MCQ

Question ID : 49063910235

Option 1 ID : 49063937337

Option 2 ID : 49063937338

Option 3 ID : 49063937339

Option 4 ID : 49063937340

Status : Answered

Chosen Option : 3

Marks : 2

Q.12 If the sum of the edges of a cube is 36cm. Then volume of the cube is

- Ans
- ☐ 1. 9 cm^3
 - ☒ 2. 27 cm^3
 - ☐ 3. 216 cm^3
 - ☐ 4. 178 cm^3

Question Type : MCQ

Question ID : 49063910248

Option 1 ID : 49063937389

Option 2 ID : 49063937390

Option 3 ID : 49063937391

Option 4 ID : 49063937392

Status : Answered

Chosen Option : 2

Marks : 2

Q.13 Convert 10 cm into meter.

- Ans
- ☐ 1. 1 meter
 - ☒ 2. 0.1 meter
 - ☐ 3. 0.01 meter
 - ☐ 4. .001 meter

Question Type : MCQ

Question ID : 49063910224

Option 1 ID : 49063937293

Option 2 ID : 49063937294

Option 3 ID : 49063937295

Option 4 ID : 49063937296

Status : Answered

Chosen Option : 2

Marks : 2

Q.14 The circumference of a circle exceeds the diameter by 16.8 cm find the radius of the circle. ($\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 5.92 cm
 - ☐ 2. 3.68 cm
 - ☐ 3. 2.64 cm
 - ☒ 4. 3.92 cm

Question Type : MCQ

Question ID : 49063910208

Option 1 ID : 49063937229

Option 2 ID : 49063937230

Option 3 ID : 49063937231

Option 4 ID : 49063937232

Status : Answered

Chosen Option : 4

Marks : 2

Q.15 A square piece of paper of side 22 cm is rolled to form a cylinder. Find the volume of the cylinder ($\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 547 cm³
 - ☐ 2. 647 cm³
 - ☒ 3. 847 cm³
 - ☐ 4. 216 cm³

Question Type : MCQ

Question ID : 49063910218

Option 1 ID : 49063937269

Option 2 ID : 49063937270

Option 3 ID : 49063937271

Option 4 ID : 49063937272

Status : Answered

Chosen Option : 3

Marks : 2

Q.16 Curved surface area of a cone is 308 cm^2 & its slant height is 14 cm. Find radius of the base.

Ans

☐ 1. 21 cm

☐ 2. 14 cm

☐ 3. 28 cm

☒ 4. 7 cm

Question Type : MCQ

Question ID : 49063910216

Option 1 ID : 49063937261

Option 2 ID : 49063937262

Option 3 ID : 49063937263

Option 4 ID : 49063937264

Status : Answered

Chosen Option : 4

Marks : 2

Q.17 A trapezium in which two non-parallel sides are equal & each pair base angles are equal then it is called

Ans

☐ 1. a linear trapezium

☐ 2. a Rhombus

☐ 3. a Rectangle

☒ 4. an isosceles Trapezium

Question Type : MCQ

Question ID : 49063910236

Option 1 ID : 49063937341

Option 2 ID : 49063937342

Option 3 ID : 49063937343

Option 4 ID : 49063937344

Status : Answered

Chosen Option : 4

Marks : 2

Q.18 Two circles are congruent if they have the same:

- Ans
- ☐ 1. Length
 - ☐ 2. Measure
 - ☐ 3. Angle
 - ☒ 4. Radii

Question Type : MCQ
Question ID : 49063910233
Option 1 ID : 49063937329
Option 2 ID : 49063937330
Option 3 ID : 49063937331
Option 4 ID : 49063937332
Status : Answered
Chosen Option : 4
Marks : 2

Q.19 Three metallic solid cubes whose edges are 3 cm, 4 cm, & 5 cm are melted and formed into a single cube. Find the edge of the cube so formed.

- Ans
- ☐ 1. 9 cm
 - ☒ 2. 6 cm
 - ☐ 3. 8 cm
 - ☐ 4. 12 cm

Question Type : MCQ
Question ID : 49063910214
Option 1 ID : 49063937253
Option 2 ID : 49063937254
Option 3 ID : 49063937255
Option 4 ID : 49063937256
Status : Answered
Chosen Option : 2
Marks : 2

Q.20 Who is the first mathematician to calculate π ?

- Ans
- ☐ 1. Aristotle
 - ☐ 2. Euclid
 - ☐ 3. Einstein
 - ☒ 4. Archimedes

Question Type : MCQ
Question ID : 49063910238
Option 1 ID : 49063937349
Option 2 ID : 49063937350
Option 3 ID : 49063937351
Option 4 ID : 49063937352
Status : Not Answered
Chosen Option : --
Marks : 0

Q.21 If three sides of one triangle are equal to the three sides of another triangle then the two triangles are congruent by.

- Ans
- ☐ 1. SAS Congruence rule
 - ☐ 2. ASA Congruence rule
 - ☐ 3. AAS Congruence rule
 - ☒ 4. SSS Congruence rule

Question Type : MCQ
Question ID : 49063910246
Option 1 ID : 49063937381
Option 2 ID : 49063937382
Option 3 ID : 49063937383
Option 4 ID : 49063937384
Status : Answered
Chosen Option : 4
Marks : 2

Q.22 One hectare is equal to (in square meter):

- Ans
- ☐ 1. 1,000 m²
 - ☒ 2. 10,000 m²
 - ☐ 3. 1,00,000 m²
 - ☐ 4. 10,00,000 m²

Question Type : MCQ

Question ID : 49063910223

Option 1 ID : 49063937289

Option 2 ID : 49063937290

Option 3 ID : 49063937291

Option 4 ID : 49063937292

Status : Answered

Chosen Option : 2

Marks : 2

Q.23 Find out the surface area of a sphere of radius 14 cm.

- Ans
- ☐ 1. 2466 cm²
 - ☐ 2. 2422 cm²
 - ☐ 3. 2444 cm²
 - ☒ 4. 2464 cm²

Question Type : MCQ

Question ID : 49063910213

Option 1 ID : 49063937249

Option 2 ID : 49063937250

Option 3 ID : 49063937251

Option 4 ID : 49063937252

Status : Answered

Chosen Option : 4

Marks : 2

Q.24 If diameter of a sphere is doubled, then its surface area will be:

- Ans
- ☒ 1. Same
 - ☒ 2. doubled
 - ☒ 3. Four times
 - ☒ 4. Eight times

Question Type : MCQ
Question ID : 49063910219
Option 1 ID : 49063937273
Option 2 ID : 49063937274
Option 3 ID : 49063937275
Option 4 ID : 49063937276
Status : Answered
Chosen Option : 3
Marks : 2

Q.25 Height of a building is 9 meter & this building is represented by 9 cm on a map. What is the scale used for the map.

- Ans
- ☒ 1. 1:100
 - ☒ 2. 1:200
 - ☒ 3. 1:1000
 - ☒ 4. 1:900

Question Type : MCQ
Question ID : 49063910226
Option 1 ID : 49063937301
Option 2 ID : 49063937302
Option 3 ID : 49063937303
Option 4 ID : 49063937304
Status : Answered
Chosen Option : 1
Marks : 2

Q.26 A tower is $100\sqrt{3}$ meters high. Find the angle of elevation of its top from a point 100 meters away from its foot.

- Ans
- ☒ 1. 30°
 - ☒ 2. 45°
 - ☒ 3. 60°
 - ☒ 4. 120°

Question Type : MCQ

Question ID : 49063910210

Option 1 ID : 49063937237

Option 2 ID : 49063937238

Option 3 ID : 49063937239

Option 4 ID : 49063937240

Status : Answered

Chosen Option : 3

Marks : 2

Q.27 What is the area of one acre of land?

- Ans
- ☒ 1. 43.56 m^2
 - ☒ 2. 43.56 ft^2
 - ☒ 3. 43560 ft^2
 - ☒ 4. 43560 m^2

Question Type : MCQ

Question ID : 49063910222

Option 1 ID : 49063937285

Option 2 ID : 49063937286

Option 3 ID : 49063937287

Option 4 ID : 49063937288

Status : Answered

Chosen Option : 3

Marks : 2

Q.28 . The centroid of a triangle divides each of the medians in the ratio:

Ans

☐ 1. 1:1

☒ 2. 2:1

☐ 3. 3:1

☐ 4. 1:4

Question Type : MCQ

Question ID : 49063910229

Option 1 ID : 49063937313

Option 2 ID : 49063937314

Option 3 ID : 49063937315

Option 4 ID : 49063937316

Status : Answered

Chosen Option : 2

Marks : 2

Q.29 Find the area of sector of a circle of radius 28 cm & central angle 45° .

Ans

☐ 1. 154 cm^2

☐ 2. 616 cm^2

☒ 3. 308 cm^2

☐ 4. 108 cm^2

Question Type : MCQ

Question ID : 49063910206

Option 1 ID : 49063937221

Option 2 ID : 49063937222

Option 3 ID : 49063937223

Option 4 ID : 49063937224

Status : Answered

Chosen Option : 3

Marks : 2

Q.30 The perimeter of a sector of a circle of radius 5.2 cm is 16.4 cm find the area of the sector.

- Ans
- ☐ 1. 8.4 cm^2
 - ☐ 2. 6.4 cm^2
 - ☒ 3. 15.6 cm^2
 - ☐ 4. 128 cm^2

Question Type : MCQ

Question ID : 49063910209

Option 1 ID : 49063937233

Option 2 ID : 49063937234

Option 3 ID : 49063937235

Option 4 ID : 49063937236

Status : Answered

Chosen Option : 3

Marks : 2

Q.31 If the ratio of the height of a pillar with the length of its shadow is $\sqrt{3}:1$, then find the angle of elevation?

- Ans
- ☐ 1. 90°
 - ☒ 2. 60°
 - ☐ 3. 30°
 - ☐ 4. 45°

Question Type : MCQ

Question ID : 49063910211

Option 1 ID : 49063937241

Option 2 ID : 49063937242

Option 3 ID : 49063937243

Option 4 ID : 49063937244

Status : Answered

Chosen Option : 2

Marks : 2

Q.32 Two circles of radii 5 cm and 3 cm intersect at two points and the distance between their centers is 4 cm find the length of the common chord.

- Ans
- ☐ 1. 12 cm
 - ☐ 2. 8 cm
 - ☒ 3. 6 cm
 - ☐ 4. 3 cm

Question Type : MCQ

Question ID : 49063910243

Option 1 ID : 49063937369

Option 2 ID : 49063937370

Option 3 ID : 49063937371

Option 4 ID : 49063937372

Status : Answered

Chosen Option : 3

Marks : 2

Q.33 Two line segments are congruent, if they have the same:

- Ans
- ☐ 1. Measure
 - ☐ 2. Angle
 - ☐ 3. Direction
 - ☒ 4. Length

Question Type : MCQ

Question ID : 49063910232

Option 1 ID : 49063937325

Option 2 ID : 49063937326

Option 3 ID : 49063937327

Option 4 ID : 49063937328

Status : Answered

Chosen Option : 4

Marks : 2

Q.34 A parallelogram whose four sides are equal is a:

- Ans
- ☒ 1. Rectangle
 - ☒ 2. Square
 - ☒ 3. Rhombus
 - ☒ 4. Trapezium

Question Type : MCQ

Question ID : 49063910249

Option 1 ID : 49063937393

Option 2 ID : 49063937394

Option 3 ID : 49063937395

Option 4 ID : 49063937396

Status : Answered

Chosen Option : 3

Marks : 2

Q.35 If the perimeter of a circle is equal to that of a square, then the ratio of their areas is:

- Ans
- ☒ 1. 22 : 7
 - ☒ 2. 14:11
 - ☒ 3. 7:22
 - ☒ 4. 11:14

Question Type : MCQ

Question ID : 49063910204

Option 1 ID : 49063937213

Option 2 ID : 49063937214

Option 3 ID : 49063937215

Option 4 ID : 49063937216

Status : Answered

Chosen Option : 2

Marks : 2

Q.36 A cone, a hemisphere & a cylinder have equal radius and are of same height. What is the ratio of their volumes?

- Ans
- ✓ 1. 1:2:3
 - ✗ 2. 2:3:4
 - ✗ 3. 4:3:2
 - ✗ 4. 3:2:1

Question Type : MCQ

Question ID : 49063910221

Option 1 ID : 49063937281

Option 2 ID : 49063937282

Option 3 ID : 49063937283

Option 4 ID : 49063937284

Status : Answered

Chosen Option : 1

Marks : 2

Q.37 If Pythagoras property holds true, the triangle must be:

- Ans
- ✗ 1. Equilateral
 - ✗ 2. Isosceles
 - ✗ 3. Scalene
 - ✓ 4. right angled

Question Type : MCQ

Question ID : 49063910241

Option 1 ID : 49063937361

Option 2 ID : 49063937362

Option 3 ID : 49063937363

Option 4 ID : 49063937364

Status : Answered

Chosen Option : 4

Marks : 2

Q.38 The distance of the point P (2,3) from the X-axis is:

- Ans
- ☐ 1. 2
 - ☒ 2. 3
 - ☐ 3. 1
 - ☐ 4. 5

Question Type : MCQ

Question ID : 49063910201

Option 1 ID : 49063937201

Option 2 ID : 49063937202

Option 3 ID : 49063937203

Option 4 ID : 49063937204

Status : Answered

Chosen Option : 2

Marks : 2

Q.39 Area of a triangle can be found out using this formula $\sqrt{s(s-a)(s-b)(s-c)}$.

It is popularly known as :

- Ans
- ☐ 1. Euclid's formula
 - ☒ 2. Heron's formula
 - ☐ 3. Archimedes formulas
 - ☐ 4. Plato's formula

Question Type : MCQ

Question ID : 49063910240

Option 1 ID : 49063937357

Option 2 ID : 49063937358

Option 3 ID : 49063937359

Option 4 ID : 49063937360

Status : Answered

Chosen Option : 2

Marks : 2

Q.40 The distance between the points A (0,6) & B (0, -2) is:

- Ans
- ☒ 1. 6
 - ☒ 2. 4
 - ☒ 3. 8
 - ☒ 4. 2

Question Type : MCQ

Question ID : 49063910202

Option 1 ID : 49063937205

Option 2 ID : 49063937206

Option 3 ID : 49063937207

Option 4 ID : 49063937208

Status : Answered

Chosen Option : 3

Marks : 2

Q.41 The total surface area of a solid hemisphere is 216π unit, then, find out the radius of the hemisphere.

- Ans
- ☒ 1. $16\sqrt{2}$
 - ☒ 2. $6\sqrt{2}$
 - ☒ 3. $9\sqrt{2}$
 - ☒ 4. $36\sqrt{2}$

Question Type : MCQ

Question ID : 49063910212

Option 1 ID : 49063937245

Option 2 ID : 49063937246

Option 3 ID : 49063937247

Option 4 ID : 49063937248

Status : Answered

Chosen Option : 2

Marks : 2

Q.42 Find the radius of a sphere whose surface area is 154 cm^2 .

- Ans
- ☒ 1. 35 cm
 - ☒ 2. 70 cm
 - ☒ 3. 14 cm
 - ☒ 4. 3.5 cm

Question Type : MCQ

Question ID : 49063910217

Option 1 ID : 49063937265

Option 2 ID : 49063937266

Option 3 ID : 49063937267

Option 4 ID : 49063937268

Status : Answered

Chosen Option : 4

Marks : 2

Q.43 If the radius of a hemisphere is $3r \text{ cm}$, then its volume (in cm^3) is:

- Ans
- ☒ 1. $18\pi r^3$
 - ☒ 2. $36 \pi r^3$
 - ☒ 3. $72 \pi r^3$
 - ☒ 4. $108 \pi r^3$

Question Type : MCQ

Question ID : 49063910220

Option 1 ID : 49063937277

Option 2 ID : 49063937278

Option 3 ID : 49063937279

Option 4 ID : 49063937280

Status : Answered

Chosen Option : 1

Marks : 2

Q.44 The area of a triangle (in square units) with vertices A(3,0) B(7,0) C(8,4) is:

- Ans
- ☒ 1. 14
 - ☒ 2. 28
 - ☒ 3. 8
 - ☒ 4. 6

Question Type : MCQ

Question ID : 49063910203

Option 1 ID : 49063937209

Option 2 ID : 49063937210

Option 3 ID : 49063937211

Option 4 ID : 49063937212

Status : Answered

Chosen Option : 3

Marks : 2

Q.45 The point of concurrence of the angle bisectors of a triangle is called:

- Ans
- ☒ 1. Circum-center
 - ☒ 2. Ortho-center
 - ☒ 3. Centroid
 - ☒ 4. In-center

Question Type : MCQ

Question ID : 49063910231

Option 1 ID : 49063937321

Option 2 ID : 49063937322

Option 3 ID : 49063937323

Option 4 ID : 49063937324

Status : Marked For Review

Chosen Option : 4

Marks : 2

Q.46 If V stands for vertices, F stands for number of faces and E stands for number of Edges, then Euler's formula says

- Ans
- ☐ 1. $F+E-V=2$
 - ☒ 2. $F+V-E=2$
 - ☐ 3. $F+V-2=0$
 - ☐ 4. $E+V-F=2$

Question Type : MCQ

Question ID : 49063910227

Option 1 ID : 49063937305

Option 2 ID : 49063937306

Option 3 ID : 49063937307

Option 4 ID : 49063937308

Status : Answered

Chosen Option : 2

Marks : 2

Q.47 Two angles, the sum of whose measure is 90° are called:

- Ans
- ☐ 1. Obtuse angle
 - ☒ 2. Complementary angle
 - ☐ 3. Supplementary angle
 - ☐ 4. Acute Angle

Question Type : MCQ

Question ID : 49063910239

Option 1 ID : 49063937353

Option 2 ID : 49063937354

Option 3 ID : 49063937355

Option 4 ID : 49063937356

Status : Answered

Chosen Option : 2

Marks : 2

Q.48 The sum of all the interior angles of a regular hexagon is:

Ans

☐ 1. 360^0

☒ 2. 720^0

☐ 3. 1080^0

☐ 4. 540^0

Question Type : MCQ

Question ID : 49063910244

Option 1 ID : 49063937373

Option 2 ID : 49063937374

Option 3 ID : 49063937375

Option 4 ID : 49063937376

Status : Answered

Chosen Option : 2

Marks : 2

Q.49 The length, breadth and height of a room are 5 m, 4m & 3 m respectively.

Find out the cost of white washing the walls of the room & the ceiling at the rate ₹7.50 per m^2 .

Ans

☐ 1. ₹1000

☐ 2. ₹ 1110

☒ 3. ₹ 555

☐ 4. ₹ 1100

Question Type : MCQ

Question ID : 49063910215

Option 1 ID : 49063937257

Option 2 ID : 49063937258

Option 3 ID : 49063937259

Option 4 ID : 49063937260

Status : Answered

Chosen Option : 3

Marks : 2

Q.50 Convert 3.5 cm^3 to mm^3 .

Ans

- ☒ 1. 350 mm^3
- ☒ 2. 0.35 mm^3
- ☒ 3. 3500 mm^3
- ☒ 4. 35 mm^3

Question Type : MCQ

Question ID : 49063910225

Option 1 ID : 49063937297

Option 2 ID : 49063937298

Option 3 ID : 49063937299

Option 4 ID : 49063937300

Status : Answered

Chosen Option : 3

Marks : 2

Section : Interpretation of Maps

Q.51 The Map projection commonly used for Maritime navigation is

Ans

- ☒ 1. Mercator Projection
- ☒ 2. Robinson Projection
- ☒ 3. Conic Projection
- ☒ 4. Azimuthal Projection

Question Type : MCQ

Question ID : 49063910297

Option 1 ID : 49063937585

Option 2 ID : 49063937586

Option 3 ID : 49063937587

Option 4 ID : 49063937588

Status : Not Answered

Chosen Option : --

Marks : 0

Q.52 A landmass bounded by sea on three sides is referred to as

- Ans
- ☐ 1. Coast
 - ☐ 2. Island
 - ☒ 3. Peninsula
 - ☐ 4. Sea

Question Type : MCQ
Question ID : 49063910277
Option 1 ID : 49063937505
Option 2 ID : 49063937506
Option 3 ID : 49063937507
Option 4 ID : 49063937508
Status : Answered
Chosen Option : 3
Marks : 2

Q.53 Tropic of cancer does not pass through

- Ans
- ☐ 1. Rajasthan
 - ☒ 2. Odisha
 - ☐ 3. Chhattisgarh
 - ☐ 4. Tripura

Question Type : MCQ
Question ID : 49063910272
Option 1 ID : 49063937485
Option 2 ID : 49063937486
Option 3 ID : 49063937487
Option 4 ID : 49063937488
Status : Answered
Chosen Option : 2
Marks : 2

Q.54 Geoid means:

- Ans
- ☐ 1. Mercury like shape
 - ☐ 2. Venus like shape
 - ☐ 3. Saturn like shape
 - ☒ 4. Earth like shape

Question Type : MCQ
Question ID : 49063910261
Option 1 ID : 49063937441
Option 2 ID : 49063937442
Option 3 ID : 49063937443
Option 4 ID : 49063937444
Status : Answered
Chosen Option : 4
Marks : 2

Q.55 Thick blue line on the map is usually used to show:

- Ans
- ☐ 1. Electricity power stations
 - ☐ 2. Big cities
 - ☒ 3. Perennial Rivers
 - ☐ 4. Islands

Question Type : MCQ
Question ID : 49063910257
Option 1 ID : 49063937425
Option 2 ID : 49063937426
Option 3 ID : 49063937427
Option 4 ID : 49063937428
Status : Answered
Chosen Option : 3
Marks : 2

Q.56 In a Map 1 cm represents 8 km on ground. How much distance will be represented by 80.5 cm?

- Ans
- ☐ 1. 640 km
 - ☐ 2. 642 km
 - ☐ 3. 648 km
 - ☒ 4. 644 km

Question Type : MCQ
Question ID : 49063910266
Option 1 ID : 49063937461
Option 2 ID : 49063937462
Option 3 ID : 49063937463
Option 4 ID : 49063937464
Status : Answered
Chosen Option : 4
Marks : 2

Q.57 The total number of longitudes are

- Ans
- ☒ 1. 360
 - ☐ 2. 180
 - ☐ 3. 90
 - ☐ 4. 270

Question Type : MCQ
Question ID : 49063910262
Option 1 ID : 49063937445
Option 2 ID : 49063937446
Option 3 ID : 49063937447
Option 4 ID : 49063937448
Status : Answered
Chosen Option : 1
Marks : 2

Q.58 Topographical maps are also known as _____ map.

- Ans
- ☐ 1. Political
 - ☒ 2. Topo
 - ☐ 3. Physical
 - ☐ 4. None of the above

Question Type : MCQ
Question ID : 49063910276
Option 1 ID : 49063937501
Option 2 ID : 49063937502
Option 3 ID : 49063937503
Option 4 ID : 49063937504
Status : Answered
Chosen Option : 2
Marks : 2

Q.59 To identify quadrangle areas by Map name and scale, _____ is used in map

- Ans
- ☒ 1. Index
 - ☐ 2. Scale
 - ☐ 3. Plan
 - ☐ 4. Sketch

Question Type : MCQ
Question ID : 49063910289
Option 1 ID : 49063937553
Option 2 ID : 49063937554
Option 3 ID : 49063937555
Option 4 ID : 49063937556
Status : Marked For Review
Chosen Option : 1
Marks : 2

Q.60 A Map that shows the average rainfall distribution in an area is called a:

- Ans
- ☐ 1. Political Map
 - ☐ 2. Topographic Map
 - ☒ 3. Climatic Map
 - ☐ 4. Vegetation Map

Question Type : MCQ
Question ID : 49063910300
Option 1 ID : 49063937597
Option 2 ID : 49063937598
Option 3 ID : 49063937599
Option 4 ID : 49063937600
Status : Answered
Chosen Option : 4
Marks : -0.5

Q.61 The black soil area of the peninsular plateau is known as

- Ans
- ✓ 1. Deccan trap
 - ✗ 2. Decan plateau
 - ✗ 3. Chhotanagpur plateau
 - ✗ 4. Tarai

Question Type : MCQ
Question ID : 49063910275
Option 1 ID : 49063937497
Option 2 ID : 49063937498
Option 3 ID : 49063937499
Option 4 ID : 49063937500
Status : Answered
Chosen Option : 1
Marks : 2

Q.62 Which type of Map uses contour lines to represent changes in elevation on the Earth's surface?

- Ans
- ✓ 1. Isoline Map
 - ✗ 2. Choropleth Map
 - ✗ 3. Flow line Map
 - ✗ 4. Dot distribution Map

Question Type : MCQ
Question ID : 49063910298
Option 1 ID : 49063937589
Option 2 ID : 49063937590
Option 3 ID : 49063937591
Option 4 ID : 49063937592
Status : Answered
Chosen Option : 1
Marks : 2

Q.63 Which parallel of latitude divides India into almost two equal parts?

- Ans
- ☐ 1. Equator
 - ☒ 2. Tropic of cancer
 - ☐ 3. Tropic of Capricorn
 - ☐ 4. Arctic circle

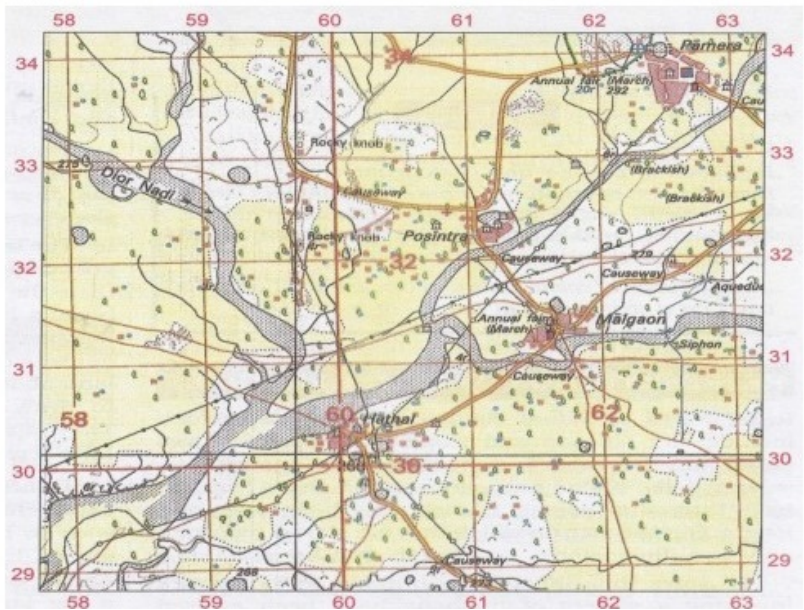
Question Type : MCQ
Question ID : 49063910271
Option 1 ID : 49063937481
Option 2 ID : 49063937482
Option 3 ID : 49063937483
Option 4 ID : 49063937484
Status : Answered
Chosen Option : 2
Marks : 2

Q.64 Which group of Islands lie to the south-east of India?

- Ans
- ☐ 1. Maldives
 - ☐ 2. Lakshadweep
 - ☐ 3. Caribbean
 - ☒ 4. Andaman & Nicobar

Question Type : MCQ
Question ID : 49063910269
Option 1 ID : 49063937473
Option 2 ID : 49063937474
Option 3 ID : 49063937475
Option 4 ID : 49063937476
Status : Answered
Chosen Option : 4
Marks : 2

Q.65 Give the four-figure grid reference of the area of Brackish water from the given map extract:



- Ans
- ☒ 1. 6231
 - ☒ 2. 6232
 - ☒ 3. 6032
 - ☒ 4. 6131

Question Type : MCQ
Question ID : 49063910293
Option 1 ID : 49063937569
Option 2 ID : 49063937570
Option 3 ID : 49063937571
Option 4 ID : 49063937572
Status : Answered
Chosen Option : 2
Marks : 2

Q.66 Contour lines are drawn to show _____

- Ans
- ☒ 1. Places with equal Slopes
 - ☒ 2. Places of equal heights
 - ☒ 3. Places along same latitude
 - ☒ 4. Places of same size

Question Type : MCQ
Question ID : 49063910281
Option 1 ID : 49063937521
Option 2 ID : 49063937522
Option 3 ID : 49063937523
Option 4 ID : 49063937524
Status : Answered
Chosen Option : 2
Marks : 2

Q.67 Which of the following is not shown on a relief or physical map?

- Ans
- ☒ 1. Mountains
 - ☒ 2. Rivers
 - ☒ 3. Crops
 - ☒ 4. Valleys

Question Type : MCQ
Question ID : 49063910258
Option 1 ID : 49063937429
Option 2 ID : 49063937430
Option 3 ID : 49063937431
Option 4 ID : 49063937432
Status : Answered
Chosen Option : 3
Marks : 2

Q.68 Lakshadweep Islands are Located in the

- Ans
- ☒ 1. Bay of Bengal
 - ☒ 2. Arabian sea
 - ☒ 3. Pacific ocean
 - ☒ 4. Indian ocean

Question Type : MCQ
Question ID : 49063910278
Option 1 ID : 49063937509
Option 2 ID : 49063937510
Option 3 ID : 49063937511
Option 4 ID : 49063937512
Status : Answered
Chosen Option : 2
Marks : 2

Q.69 The location of the equator on earth is at latitude of:

- Ans
- ☒ 1. 20 degree
 - ☒ 2. 90 degree
 - ☒ 3. 180 degree
 - ☒ 4. 0 degree

Question Type : MCQ
Question ID : 49063910254
Option 1 ID : 49063937413
Option 2 ID : 49063937414
Option 3 ID : 49063937415
Option 4 ID : 49063937416
Status : Answered
Chosen Option : 4
Marks : 2

Q.70 Which type of Map uses Shading and Patterns to represent different data values in an area?

- Ans
- ☐ 1. Dot distribution Map
 - ☒ 2. Choropleth Map
 - ☐ 3. Flow line Map
 - ☐ 4. Isoline Map

Question Type : MCQ

Question ID : 49063910295

Option 1 ID : 49063937577

Option 2 ID : 49063937578

Option 3 ID : 49063937579

Option 4 ID : 49063937580

Status : Answered

Chosen Option : 2

Marks : 2

Q.71 What divides the earth into two equal parts; the northern hemisphere & the southern hemisphere?

- Ans
- ☐ 1. Tropic of Capricorn
 - ☐ 2. Tropic of cancer
 - ☒ 3. Equator
 - ☐ 4. Arctic Circle

Question Type : MCQ

Question ID : 49063910251

Option 1 ID : 49063937401

Option 2 ID : 49063937402

Option 3 ID : 49063937403

Option 4 ID : 49063937404

Status : Answered

Chosen Option : 3

Marks : 2

Q.72 The Palk strait lies between the countries:

- Ans
- ☐ 1. Sri Lanka & Maldives
 - ☒ 2. India & Sri Lanka
 - ☐ 3. India & Maldives
 - ☐ 4. India & Pakistan

Question Type : MCQ

Question ID : 49063910283

Option 1 ID : 49063937529

Option 2 ID : 49063937530

Option 3 ID : 49063937531

Option 4 ID : 49063937532

Status : Answered

Chosen Option : 2

Marks : 2

Q.73 All parallel circles from the equator up to the poles are called _____

- Ans
- ☐ 1. Parallels of equator
 - ☐ 2. Parallels of longitudes
 - ☒ 3. Parallels of latitude
 - ☐ 4. None of the above

Question Type : MCQ

Question ID : 49063910284

Option 1 ID : 49063937533

Option 2 ID : 49063937534

Option 3 ID : 49063937535

Option 4 ID : 49063937536

Status : Answered

Chosen Option : 3

Marks : 2

Q.74 The river Narmada has its source at :

- Ans
- ☐ 1. Satpura
 - ☒ 2. Amarkantak
 - ☐ 3. Brahmagiri
 - ☐ 4. Eastern Ghats

Question Type : MCQ

Question ID : 49063910285

Option 1 ID : 49063937537

Option 2 ID : 49063937538

Option 3 ID : 49063937539

Option 4 ID : 49063937540

Status : Answered

Chosen Option : 2

Marks : 2

Q.75 Most of maps contain an arrow marked with the letter 'N' at the upper right/Left corner. This shows which direction?

- Ans
- ☒ 1. East
 - ☒ 2. West
 - ☒ 3. North
 - ☒ 4. South

Question Type : MCQ
Question ID : 49063910265
Option 1 ID : 49063937457
Option 2 ID : 49063937458
Option 3 ID : 49063937459
Option 4 ID : 49063937460
Status : Answered
Chosen Option : 3
Marks : 2

Q.76 Which of the following is not the cardinal direction?

- Ans
- ☒ 1. South
 - ☒ 2. North-east
 - ☒ 3. East
 - ☒ 4. West

Question Type : MCQ
Question ID : 49063910280
Option 1 ID : 49063937517
Option 2 ID : 49063937518
Option 3 ID : 49063937519
Option 4 ID : 49063937520
Status : Answered
Chosen Option : 2
Marks : 2

Q.77 Which colour is used to show ocean in Map/Globe?

- Ans
- ☐ 1. White
 - ☒ 2. Blue
 - ☐ 3. Green
 - ☐ 4. Black

Question Type : MCQ
Question ID : 49063910256
Option 1 ID : 49063937421
Option 2 ID : 49063937422
Option 3 ID : 49063937423
Option 4 ID : 49063937424
Status : Answered
Chosen Option : 2
Marks : 2

Q.78 The prime meridian passes through:

- Ans
- ☐ 1. Poland
 - ☐ 2. Prayagraj
 - ☐ 3. Tokyo
 - ☒ 4. Greenwich

Question Type : MCQ
Question ID : 49063910253
Option 1 ID : 49063937409
Option 2 ID : 49063937410
Option 3 ID : 49063937411
Option 4 ID : 49063937412
Status : Answered
Chosen Option : 4
Marks : 2

Q.79 Maps have a universal language that can be understood by all. These are called:

- Ans
- ☐ 1. English Language
 - ☐ 2. Boundary symbol
 - ☒ 3. Conventional Symbols
 - ☐ 4. Odia Language

Question Type : MCQ

Question ID : 49063910287

Option 1 ID : 49063937545

Option 2 ID : 49063937546

Option 3 ID : 49063937547

Option 4 ID : 49063937548

Status : Answered

Chosen Option : 3

Marks : 2

Q.80 My friend hails from a country which does not share land boundary with India. Identify the country among the following.

- Ans
- ☐ 1. Bhutan
 - ☒ 2. Tajikistan
 - ☐ 3. Bangladesh
 - ☐ 4. Nepal

Question Type : MCQ

Question ID : 49063910268

Option 1 ID : 49063937469

Option 2 ID : 49063937470

Option 3 ID : 49063937471

Option 4 ID : 49063937472

Status : Answered

Chosen Option : 2

Marks : 2

Q.81 A scale is compulsory for a:

- Ans
- ☒ 1. Map
 - ☐ 2. Sketch
 - ☐ 3. Symbols
 - ☐ 4. Drawing

Question Type : MCQ
Question ID : 49063910282
Option 1 ID : 49063937525
Option 2 ID : 49063937526
Option 3 ID : 49063937527
Option 4 ID : 49063937528
Status : Answered
Chosen Option : 1
Marks : 2

Q.82 The study and interpretation of Maps is known as:

- Ans
- ☐ 1. Mapology
 - ☒ 2. Cartography
 - ☐ 3. Geographology
 - ☐ 4. Earthgraphy

Question Type : MCQ
Question ID : 49063910296
Option 1 ID : 49063937581
Option 2 ID : 49063937582
Option 3 ID : 49063937583
Option 4 ID : 49063937584
Status : Answered
Chosen Option : 2
Marks : 2

Q.83 1:100000 means that, 1 cm on the map is equal to how many kilometres on the ground?

- Ans
- ☐ 1. 0.1 km
 - ☒ 2. 1 km
 - ☐ 3. 10 km
 - ☐ 4. 100 km

Question Type : MCQ
Question ID : 49063910290
Option 1 ID : 49063937557
Option 2 ID : 49063937558
Option 3 ID : 49063937559
Option 4 ID : 49063937560
Status : Answered
Chosen Option : 2
Marks : 2

Q.84 In India the Longitude of _____ is treated as standard meridian.

- Ans
- ☒ 1. 70 °30' E
 - ☒ 2. 62 °30' E
 - ☒ 3. 68 °45' E
 - ☒ 4. 82 °30' E

Question Type : MCQ

Question ID : 49063910270

Option 1 ID : 49063937477

Option 2 ID : 49063937478

Option 3 ID : 49063937479

Option 4 ID : 49063937480

Status : Answered

Chosen Option : 4

Marks : 2

Q.85 The '0' degree meridian is also known as:

- Ans
- ☒ 1. Standard Time
 - ☒ 2. Prime meridian
 - ☒ 3. Equator
 - ☒ 4. Latitude

Question Type : MCQ

Question ID : 49063910252

Option 1 ID : 49063937405

Option 2 ID : 49063937406

Option 3 ID : 49063937407

Option 4 ID : 49063937408

Status : Answered

Chosen Option : 2

Marks : 2

Q.86 Which map depicts the configuration of the shore line and sea floor

- Ans
- ☐ 1. Topological map
 - ☐ 2. Physical map
 - ☒ 3. Nautical map
 - ☐ 4. Relief map

Question Type : MCQ

Question ID : 49063910279

Option 1 ID : 49063937513

Option 2 ID : 49063937514

Option 3 ID : 49063937515

Option 4 ID : 49063937516

Status : Answered

Chosen Option : 3

Marks : 2

Q.87 Which one is not a component of map?

- Ans
- ☐ 1. Distance
 - ☐ 2. Direction
 - ☒ 3. Atmosphere
 - ☐ 4. Symbol

Question Type : MCQ

Question ID : 49063910255

Option 1 ID : 49063937417

Option 2 ID : 49063937418

Option 3 ID : 49063937419

Option 4 ID : 49063937420

Status : Answered

Chosen Option : 3

Marks : 2

Q.88 Grid is a network of ...

Ans

- ✓ 1. Parallels of latitudes & meridians of longitudes
- ✗ 2. The Tropic of cancer & Tropic of Capricorn
- ✗ 3. The Arctic circle and Antarctic Circle
- ✗ 4. None of the above

Question Type : MCQ

Question ID : 49063910263

Option 1 ID : 49063937449

Option 2 ID : 49063937450

Option 3 ID : 49063937451

Option 4 ID : 49063937452

Status : Answered

Chosen Option : 1

Marks : 2

Q.89 Which is the largest inland salt-water lake in India?

Ans

- ✗ 1. Chilika
- ✓ 2. Sambhar
- ✗ 3. Bhimtal
- ✗ 4. Wular

Question Type : MCQ

Question ID : 49063910274

Option 1 ID : 49063937493

Option 2 ID : 49063937494

Option 3 ID : 49063937495

Option 4 ID : 49063937496

Status : Not Answered

Chosen Option : --

Marks : 0

Q.90 Magnetic compass is used

- Ans
- ☐ 1. For measuring distance
 - ☐ 2. For showing symbols
 - ☒ 3. For finding the direction
 - ☐ 4. For knowing time

Question Type : MCQ

Question ID : 49063910267

Option 1 ID : 49063937465

Option 2 ID : 49063937466

Option 3 ID : 49063937467

Option 4 ID : 49063937468

Status : Answered

Chosen Option : 3

Marks : 2

Q.91 Maps Showing different countries and states of world with boundaries is called:

- Ans
- ☐ 1. Physical map
 - ☒ 2. Political map
 - ☐ 3. Thematic Map
 - ☐ 4. Relief Map

Question Type : MCQ

Question ID : 49063910286

Option 1 ID : 49063937541

Option 2 ID : 49063937542

Option 3 ID : 49063937543

Option 4 ID : 49063937544

Status : Answered

Chosen Option : 2

Marks : 2

Q.92 The direction of a line drawn on a map using a compass is called:

- Ans
- ☒ 1. Bearing
 - ☐ 2. Slope
 - ☐ 3. Orientation
 - ☐ 4. Inclination

Question Type : MCQ

Question ID : 49063910264

Option 1 ID : 49063937453

Option 2 ID : 49063937454

Option 3 ID : 49063937455

Option 4 ID : 49063937456

Status : Answered

Chosen Option : 3

Marks : -0.5

Q.93 The polestar indicates the direction to the:

- Ans
- ☐ 1. South
 - ☒ 2. North
 - ☐ 3. East
 - ☐ 4. West

Question Type : MCQ
Question ID : 49063910260
Option 1 ID : 49063937437
Option 2 ID : 49063937438
Option 3 ID : 49063937439
Option 4 ID : 49063937440
Status : Answered
Chosen Option : 2
Marks : 2

Q.94 The highest peak of the Eastern Ghat in Odisha is:

- Ans
- ☐ 1. Anaimudi
 - ☐ 2. Khasi
 - ☒ 3. Mahendragiri
 - ☐ 4. Kanchenjunga

Question Type : MCQ
Question ID : 49063910273
Option 1 ID : 49063937489
Option 2 ID : 49063937490
Option 3 ID : 49063937491
Option 4 ID : 49063937492
Status : Answered
Chosen Option : 3
Marks : 2

Q.95 The scale written as a fraction, such as 1/100000, is known as:

- Ans
- ☒ 1. Representative fraction scale
 - ☐ 2. Linear Scale
 - ☐ 3. Comparative Scale
 - ☐ 4. Verbal Scale

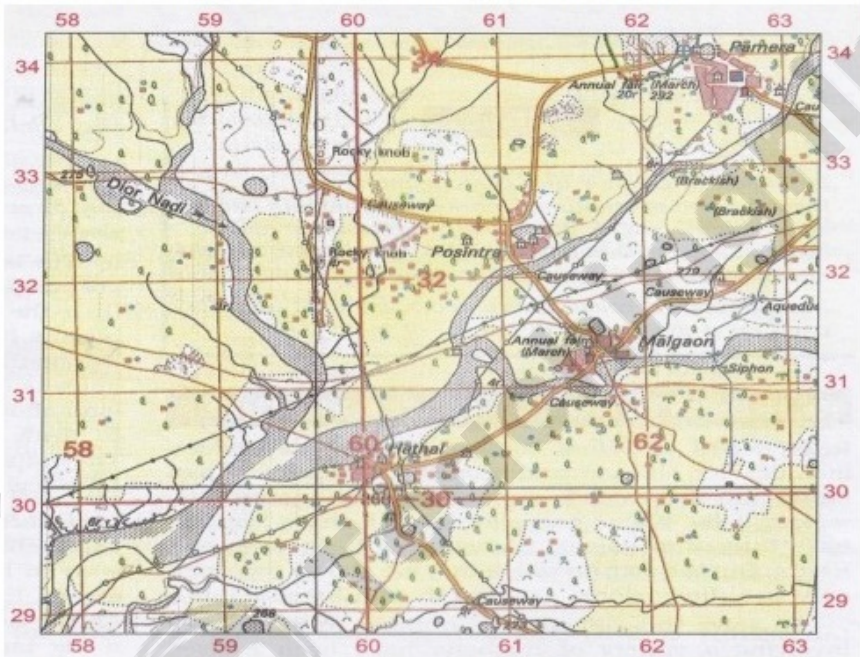
Question Type : MCQ
Question ID : 49063910291
Option 1 ID : 49063937561
Option 2 ID : 49063937562
Option 3 ID : 49063937563
Option 4 ID : 49063937564
Status : Marked For Review
Chosen Option : 1
Marks : 2

Q.96 Atlas maps are drawn on a _____ scale.

- Ans
- ☒ 1. Infinite
 - ☒ 2. Small
 - ☒ 3. Very large
 - ☒ 4. Large

Question Type : MCQ
Question ID : 49063910259
Option 1 ID : 49063937433
Option 2 ID : 49063937434
Option 3 ID : 49063937435
Option 4 ID : 49063937436
Status : Answered
Chosen Option : 3
Marks : -0.5

Q.97 Give the four-figure grid reference of the Siphon from the given map extract:



- Ans
- ☒ 1. 6231
 - ☒ 2. 6232
 - ☒ 3. 6032
 - ☒ 4. 6131

Question Type : MCQ
Question ID : 49063910292
Option 1 ID : 49063937565
Option 2 ID : 49063937566
Option 3 ID : 49063937567
Option 4 ID : 49063937568
Status : Answered
Chosen Option : 1
Marks : 2

Q.98 Nautical miles are used to measure the distance travelled through:

- Ans
- ☐ 1. Air
 - ☐ 2. Land
 - ☒ 3. Water
 - ☐ 4. Railway

Question Type : MCQ
Question ID : 49063910288
Option 1 ID : 49063937549
Option 2 ID : 49063937550
Option 3 ID : 49063937551
Option 4 ID : 49063937552
Status : Answered
Chosen Option : 3
Marks : 2

Q.99 The Map projection that is often used to represent the entire world with minimal distortion is

- Ans
- ☐ 1. Mercator Projection
 - ☒ 2. Robinson Projection
 - ☐ 3. Conic Projection
 - ☐ 4. Azimuthal Projection

Question Type : MCQ
Question ID : 49063910294
Option 1 ID : 49063937573
Option 2 ID : 49063937574
Option 3 ID : 49063937575
Option 4 ID : 49063937576
Status : Answered
Chosen Option : 1
Marks : -0.5



Q.100 The process of plotting a location on the earth's surface using latitude and longitude coordinates is known as:

- Ans
- ☐ 1. Scaling
 - ☐ 2. Orientation
 - ☒ 3. Georeferencing
 - ☐ 4. Proportioning

Question Type : MCQ
Question ID : 49063910299
Option 1 ID : 49063937593
Option 2 ID : 49063937594
Option 3 ID : 49063937595
Option 4 ID : 49063937596
Status : Answered
Chosen Option : 3
Marks : 2

