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# **SSC JE PRE 2019**

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**Q :** A metallic tape is made of:

**www.everexam.org** [ CRPF SI Overseer (Civil)2017 ]

**A :** Steel

**B :** Inver

**C :** Linen

**D :** Cloth and Wire

**Q :** Basic principles of survey are:

[ LMRC (AM)15.05.2018 ]

A. Working from the whole to the part.

B. Measuring before construction.

C. Measuring and calculating land availability.

D. Fixing a point in relation to the points already located.

Which of these statements is/are true?

**A :** Only A

**B :** A and B

**C :** B,C and D

**D :** A and D

**Q :** Which type of survey is used for determining different strata in the earth's crust?

[ Hariyana SSC JE., Shift-II(11.04.2018) ]

**A :** Military Survey

**B :** Mine Survey

**C :** Geological Survey

**D :** Engineering Survey

**Q :** 1 sq. yard = ..... sq. feet.

[ Hariyana SSC JE., Shift-II(11.04.2018) ]

**A :** 144

**B :** 9

**C :** 10

**D :** 40

**Q :** A survey done to understand the heavenly bodies is known as

**www.everexam.org** [ Rajasthan PSC 2018 ]

**A :** Celestial survey

**B :** Astronomical survey

**C :** Photographic survey

**D :** Aerial survey

**Q :** Steps in the new project work follow:

[ SSB Himachal Pradesh 18.11.2018 ]

**A :** Location of final alignment, Map study, reconnaissance survey, preliminary survey, detailed survey.

**B :** Map study, reconnaissance survey, preliminary survey, location of final alignment, detailed survey

**C :** Location of final alignment, Map study, reconnaissance survey, detailed survey

**D :** None of these

**Q :** The curvature of the earth is taken into consideration if the limit of survey is:

[ NBCC JE 2018(Morning Shift) (DMRC JE 2017 3rd Shift) ]

**A :** 50 to 100 km<sup>2</sup>

**B :** 100 to 200 km<sup>2</sup>

**C :** 200 to 250 km<sup>2</sup>

**D :** More than 250 km<sup>2</sup>

**Q :** One nautical mile is equal to.....

[ M.P. Sub Engg. 4 sep 2018 9.00 am ]

**A :** 1.687 km

**B :** 1.712 km

**C :** 1.512 km

**D :** 1.852 km

**Q :** Hydrographic survey deals with the mapping of.....

[ (SSC JE 1 MARCH 2017 Evening Shift/Uttrakhand Combined AE Paper 2nd 2017/Rajasthan JE 2015) M.P. Sub Engg. 2 sep 2018 2.00 pm ]

**A :** Large water bodies

**B :** Canal system

**C :** Colour movement

**D :** None of these.

**Q :** A line joining some fixed points on the main survey lines, is called a

[ NBCC JE 2018(Morning Shift)D.M.R.C. JE 2016/SSC JE 2013 ]

**A :** Check line

**B :** Tie line

**C :** Base line

**D :** None of these

**Q :** What is the main objective of providing tie line in chain survey?

[ DFCCIL Civil JE 10-11-2018 ]

**A :** To find the horizontal angles

**B :** To take the details of the nearby objects

**C :** To find the length of base line

**D :** To check the precision of the survey

**Q :** The ruling principal of plane surveying is to work form

[ DFCCIL Civil JE 10-11-2018 ]

**A :** Part to whole

**B :** Lower level to higher level

**C :** Whole to part

**D :** Higher level to lower level

**Q :** What is the full form of GTS?

[ DFCCIL Civil JE 10-11-2018 ]

**A :** Great theodolite system

**B :** Great trigonometrical survey

**C :** Great traverse survey

**D :** Great trigonometrical system

**Q :** One sq. foot in sq. meter is:

[ M.P. Sub Engg. 4 Sep 2018 2.00 pm ]

**A :** 0.083 sq. m

**B :** 0.073 sq. m

**C :** 0.103 sq. m

**D :** 0.093 sq. m

**Q :** If a surveying drawing is prepared at a scale of 1 cm = 4 m, then what will be the fractional scale?

[ DDA JE 23..4.2018 First Shift ]

**A :** 1:0.025

**B :** 1:400

**C :** 1:40

**D :** 1:0.25

**Q :** Which of the following surveys is carried out to locate the premises, streets, water supply and sanitary system?

[ DMRC JE 12.04.2018, 12:15 pm ]

- A :** City survey                      **B :** Local survey  
**C :** Topographical survey        **D :** Engineering survey

**Q :** Plumb bob lines at two different places in plane surveying are....

[ SSC JE 25-01-2018(Morning Shift) ]

- A :** Cut at the center of the earth      **B :** Inclined  
**C :** Parallel to each other                **D :** Perpendicular to each other

**Q :** What is the different b/w the sum of interior angles of plane triangle and spherical triangle for area of triangle 195 square kilometer on the Earth's surface?

[ SSC JE 22.1.2018(Morning Shift)(Chhattisgarh professional exam. board 2016) ]

- A :** One degree                              **B :** One minute  
**C :** One second                             **D :** One radian

**Q :** Which of the following scale of the map is not affected due to shrinking of map?

[ SSC JE 23.1.2018(Evening Shift) ]

- A :** Engineer's scale                        **B :** Graphical scale  
**C :** Representative fraction              **D :** None of these

**Q :** In geodetic surveying sum of all the internal angles degree of spherical triangle should be.....

[ SSC JE 29-01-2018(Evening Shifts) ]

- A :** Equal to 180                              **B :** Equal to 360  
**C :** Greater than 180                      **D :** Less than 180

**Q :** The maximum error (mm) on the drawing should not be greater than \_\_\_\_\_

[ SSC JE 24.1.2018(Evening Shift) ]

**A : 0.01**

**B : 0.025**

**C : 0.25**

**D : 0.1**

**Q : Which one is the smallest scale?**

[ SSC JE 23.1.2018(Morning Shift) ]

**A : 1:100**

**B : 1:500**

**C : 1:1000**

**D : 1:2,500**

**Q : Name the type of surveying in which the mean square of the earth is considered as a plane and the spheroidal shape of the earth is neglected.**

[ MP VYAMP Sub Engineer 9 July 2017, (ISRO JE 2015), (UPPCL JE 2013) ]

**A : Theodolite surveying**

**B : Plane surveying**

**C : Cadastral surveying**

**D : Geodetic surveying.**

**Q : In case of a direct vernier scale**

[ SSC JE 4 March 2017 Evening Shift ]

**A : Graduations increase in opposite direction in which graduations of the main scale increase**

**B : Smallest division is longer than smallest division of the main scale**

**C : Graduations increase in the same direction in which graduations of the main scale increase**

**D : None of these**

**Q : Difference in length of an arc and its subtended chord on earth's surface for a distance of 18.2km is \_\_\_\_\_**

[ SSC JE 1 March 2017 Morning Shift ]

**A : 10 mm**

**B : 15 m**

**C : 22 mm**

**D : 100 mm**

**Q : In a diagonal scale only**

[ UPRVUNL JE2015/DMRC JE 2017 IISHIFT/SSC JE 1 March 2017(Morning) ]

**A :** Units can be shown

**B :** Units, tenths can be shown

**C :** Units tenths and hundredths can be shown

**D :** Units , tenths, hundredths,and thousands can

**Q :** Which of the following quantities are each equal to one acre?

[ UPPCL JE 2015, ESE 2006 ]

**A :** Only A, B and C

**B :** Only A, B and D

**C :** Only B,C and D

**D :** Only A,C and D

**Q :** Which of the following scales is the smallest one?

[ SSC JE 2012 ]

**A :** 1 cm = 50 m

**B :** RF = 1/50000

**C :** 4 : 200000

**D :** 1 cm = 5000 m

**Q :** Principal of surveying followed to prevent accumulation of errors is

[ UPSSSC JE 2015 ]

**A :** To work from whole to part

**B :** To work from part to whole

**C :** Both (a) & (b)

**D :** None of these.

**Q :** Comparative scale is pair of scale having a common

[ RRB JE Chennai Red Paper 14.12.2014 ]

**A :** Unit

**B :** Representative fractions

**C :** Length of scale

**D :** Least count

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