

07.02.2020 EVERWIN MATRIC.HR.SEC.SCHOOL Time: 40mins.
Std: IX (A-F) T.T SOCIAL SCIENCE Marks: 25

I. Choose the correct answer: 3x1=3

- _____ was the headquarters of the Portuguese possession in the East.
a) Manila b) Bombay c) Pondicherry d) Goa
- Who among the following is known as the Father of Humanism?
a) Leonardo da vinci b) Erasmus
c) Francisco Petrarch d) Thomas
- William Harvey discovered _____.
a) Heliocentric theory b) Geocentric theory
c) Circulation of blood d) Gravitational force

II. Fill in the blanks: 3x1=3

- _____ was known as Prince among Humanists.
- The reformation of the catholic church is known as _____.
- _____ is famous for his paintings in the ceiling of the Sistine Chapel.

III. Match the following: 4x1=4

- | | | |
|-----------------------|---|--|
| 7. Humanism | - | Monopoly trade |
| 8. Mercantilism | - | Movement of goods between America and Europe |
| 9. Columbian exchange | - | Trial of Heretics |
| 10. Inquisition | - | Human dignity |

IV. Answer the following questions: 3x2=6

- What is Columbian exchange?
- Explain how the invention of printing press influenced Renaissance, Reformation and Geographical discoveries.
- Outline the differences of Martin Luther with the catholic church.

V. Answer all the questions given under the caption: 1x4=4

14. RENAISSANCE:

- Give reasons as to why renaissance originated in the Italian city-states.
- Name some of the important humanists and their work.
- List the differences between medieval art and Renaissance art
- Describe humanism.

VI. Answer in detail: 1x5=5

- Discuss how Renaissance, Reformation and Geographical discoveries heralded the modern age.

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Std: IX (G-L) T.T MATHS Marks: 25

I. Choose the correct answer: 4x1=4

- The value of $\frac{2\tan 30^\circ}{1-\tan^2 30^\circ}$ is equal to
a) $\cos 60^\circ$ b) $\sin 60^\circ$ c) $\tan 60^\circ$ d) $\sin 30^\circ$
- If $\sin 30^\circ = x$ and $\cos 60^\circ = y$ then $x^2 + y^2$ is _____.
a) $1/2$ b) 0 c) $\sin 90^\circ$ d) $\cos 90^\circ$
- The value of $\frac{1-\tan^2 45^\circ}{1+\tan^2 45^\circ}$ is _____.
a) 2 b) 1 c) 0 d) $1/2$
- Given that $\sin \alpha = 1/2$ and $\cos \beta = 1/2$ then the value of $\alpha + \beta$ is _____.
a) 0 b) 90°
c) 30° d) 60°

II. Answer the following: 3x2=6

- Evaluate $\frac{\sec 63^\circ}{\operatorname{cosec} 27^\circ}$
- If $\tan B = \cot 47^\circ$, then find B
- Evaluate $\sin^2 45^\circ + \cos^2 45^\circ$

III. Answer the following: 3x5=15

- Find the value of $\frac{\cot \theta}{\tan(90-\theta)} + \frac{\cos(90-\theta)\tan\theta\sec(90-\theta)}{\sin(90-\theta)\cot(90-\theta)\operatorname{cosec}(90-\theta)}$
- Verify $\cos 3A = 4\cos^3 A - 3\cos A$ when $A = 30^\circ$
- Find the value of $\frac{\tan 45^\circ}{\operatorname{cosec} 30^\circ} + \frac{\sec 60^\circ}{\cot 45^\circ} - \frac{5\sin 90^\circ}{2\cos 0^\circ}$