

B.ED ARTS 2023

E-BOOK- PDF

6,000 MCQ

FULL TEST- 4

EXPLANATION

2,250 ଟି ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ



B.ED SCI. 2023

E-BOOK- PDF

6,000 MCQ

EXPLANATION

2,300 ଟି ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ

100% ସଫଳତା

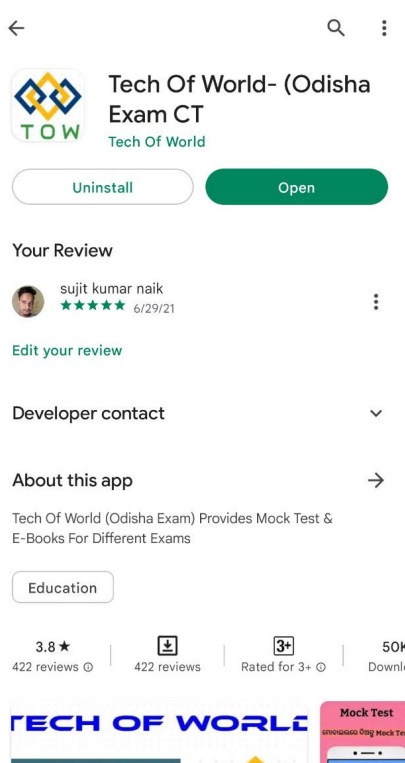


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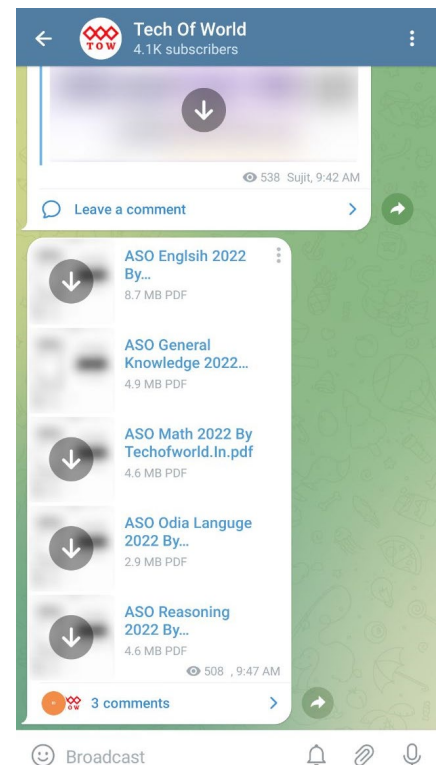
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* Correct Answer is in Bold and slightly bigger

* Candidate selected option is Underlined

English Language

Q2793317 Fill in the blanks with the most appropriate words.

He was _____ confident that his wife was _____ because she was angry with him.

Score Obtained : -0.25

- A) quite, quiet
B) quiet, quite
C) quiet, quiet
D) quite, quite

Q2792686 The pair of words given in capitalized letters is related in some way. From the options, choose the pair that exhibits the most similar relationship to the given pair.

BIRDS : PERCH

Score Obtained : 0.0

- A) cows : love
B) eagles : fight
C) humans : sit
D) camels : drink

Q2792707 What does "loqu" mean in words such as eloquent and somniloquent?

Score Obtained : 1.0

- A) write
B) sleep
C) Speak
D) eat

Q2790456 **Direction:** Read the following passage and answer the questions based on the information provided in the passage.

Positioned at the bottom of caste, class and gender hierarchies, Dalit women experience gender and caste discrimination and violence as the outcome of severely imbalanced social, economic and political power equations. Their socio-economic vulnerability and lack of political voice, when combined with the dominant risk factors of being Dalit and female, increase their exposure to potentially violent situations while simultaneously reducing their ability to escape. According to the census of 2011, there are about 200 million Dalits, equivalent to about 16.6 per cent of India's population. If approximately half are women, it means that 100 million Dalit women face multiple forms of discrimination in this country. The UN Special Rapporteur on Violence against Women has noted that Dalit women face targeted violence, even rape and death from state actors and powerful members of dominant castes, used to inflict political lessons and crush dissent within the community... Among the major forms of violence against Dalit women. Six pertain to violence in the general community (physical assault, verbal abuse, sexual harassment and assault, rape, sexual exploitation, forced prostitution, kidnapping and abduction) and three pertain to violence in the family (female foeticide and infanticide, child sexual abuse, and domestic violence). Child sexual abuse can also take the form of particularly early child marriages and sexual relations with minor Dalit girls below the age of 16 years. A recent three-year study of 500 Dalit women's experiences of violence across four Indian states revealed that the majority of Dalit women faced one or more incidents of sexual harassment and assault (46.8 per cent), physical assault (54.8 per cent), verbal abuse (62.4 per cent), domestic violence (43.0 per cent) and rape (23.2 per cent). The systemic nature of violence against Dalit women is accompanied by low rates of conviction. In 2006, the official conviction rate for Dalit atrocity cases in general was just 5.3 per cent. The study of 500 Dalit women's cases of violence revealed:

The accused were convicted by the courts in less than 1 per cent of cases.

In 17.4 per cent of the cases, the police obstructed the women from obtaining justice.

In 26.5 per cent of the cases, the perpetrators and their supporters, and/or the community at large, prevented the women from obtaining justice.

In 40.2 per cent of the cases, the women did not attempt to obtain legal or community remedies for the violence primarily out of fear of the perpetrators or social dishonour (if sexual violence was revealed), or ignorance of the law, or the belief that they would not get justice. (Excerpt from the 11th session of the Human Rights Council)

Q2790457 Dalit women experience greater violence due to

Score Obtained : 1.0

- A) Political and historical factors
B) Political, Social and Economic factors
C) Social and archaeological factors
D) Economic and discriminatory factors

Q2790459 A three-year study of 500 Dalit women's experiences of violence across four Indian states revealed that the maximum form of harassment faced by majority of Dalit women is

Score Obtained : -0.25

- A) Domestic violence
B) Verbal abuse
C) Sexual harassment
D) Physical assault

Q2790460 Out of every 100 people who had been accused of crimes against Dalit women, how many were acquitted by the courts?

Score Obtained : -0.25

- A) 2
B) 99
C) 1
D) 0

Q2790461 Out of every 100 cases of violence, Dalit women were prevented by police and the community from obtaining justice in approximately

Score Obtained : -0.25

- A) 34 cases
B) 44 cases
C) 54 cases
D) 24 cases

Q2790458 From the above information, the total population of Indian can be estimated to be about

Score Obtained : -0.25

- A) 1200 million
B) 1212 million
C) 1220 million
D) 1205 million

Q2792699 Which of the following words is correctly spelt.

Score Obtained : 1.0

- A) champaegn
B) shampaign
C) champagne
D) champegne

Q2792649 Identify the meaning of the highlighted idiom in the given sentence.

Most politicians are more interested in **playing to the gallery** than actually helping the society.

Score Obtained

- A) to create confusion
B) to receive approval from people
C) to act miserly
D) to fight over trivial things
-

Q2791160 Which of the following commissions was appointed in 1952-53 to examine the prevailing system of secondary education in India?

Score Obtained

- A) National Knowledge Commission
B) Subrahmanyam Commission
C) Primary Education Commission
D) Mudaliar Commission
-

Q2791150 Open and Distance Learning refers to the method of learning in which teachers and students

Score Obtained

- A)** do not need to be present at the same place at the same time
B) need to be present at the same place at the different time
C) need to be present at the same place at the same time
D) need to be present at different places at the same time
-

Q2791167 Identify India's first thematic satellite dedicated exclusively for educational services.

Score Obtained

- A) EDURAT
B) EDUSITE
C) EDULITE
D) EDUSAT
-

Q2791100 Which of the following is the other name for Vitamin B6?

Score Obtained : .

- A) Riboflavin
B) Thiamine
C) Niacin
D) Pyridoxine
-

Q2791084 The term of office for the Governor of State in India is for how many years?

Score Obtained

- A) 6 years
B) 4 years
C) 3 years
D) 5 years
-

Q2792741 Given below a question followed by 2 statements numbered (I) and (II). Choose the statement/statements required to answer the question by selecting a relevant option.

Question: What is the code for 'come' in the code language?

Statements:

I. 'fa la' means 'He come' and 'pa la' means 'He do' in the code language

II. 'fa ba' means 'They come' and 'ca fa' means 'she come' in the code language

Score Obtained : 1.0

- A) BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient
B) Statement (I) ALONE is sufficient, but statement (II) alone is NOT sufficient
C) Statement (II) ALONE is sufficient, but statement (I) alone is NOT sufficient
D) EACH statement ALONE is sufficient

Q2791333 Five-sixth of seven-fourteenth of 924 is

Score Obtained : 1.0

- A) 375
B) 288
C) 278
D) 385

Q2791349 In a certain code language, AT is coded as AATT then what will be the code for IN?

Score Obtained : 1.0

- A) INNI
B) NNII
C) IINN
D) NINI

Q2791368 Given below two statements followed by two conclusions. Choose the correct option, where the conclusions follow the given statements.

Statement:

All men are black.

All black are silver.

Conclusions:

1. All black are men.
2. All men are silver.

Score Obtained : 1.0

- A) Only 2 follows**
B) Both 1 and 2 follows
C) None follows
D) Only 1 follows

Q2792726 A man, who was facing West direction turns 65 degrees in anti-clockwise direction. After that he turns 90 degrees in clockwise direction. Finally he turns 70 degrees in anti-clockwise direction. Which direction is he facing now?

Score Obtained : 1.0

- A) South-West**
B) North-East
C) North-West
D) South-East

Q2792799 The 4 pillars of education stated by UNESCO's Commission on 21st Century are

Score Obtained : 1.0

- A) Physical, material, intellectual and spiritual

- B) Think, inquire, learn, evolve
C) Service, truth, thinking, community and joy
D) Learning: to know; to be; to do and to live together

Q2791232 Usually a public library can be categorised under which of the following forms of education?

Score Obtained : -0.25

- A) Informal education
B) Formal education
C) Special education
D) Non-Formal education

Q2792800 Read the line: 'A single shelf of good European library was worth the whole native literature of India'. What follows such an attitude is to

Score Obtained : -0.25

- A) Emphasise on the study of European literature**
B) Encourage good literature and writings through education
C) Vigorously search for something more valuable in literature
D) Make budgetary allowance for Indian writers to produce good works

Q2792935 Learning disorder can be broadly defined as

Score Obtained : 1.0

- A) A functional limitation or an inability to perform a specific act
B) A learning problem characterised by inability to attention on a task
C) A general malfunction of mental, physical and psychological processes
D) A limitation that an individual experiences in a particular environment

Q2792826 A math teacher presents two advertisements of computers sale while teaching percentage and decimals. One offers the lowest price in town and another offers 15% additional discount. When students get down to the task of deciding based on facts, some are quickly able to solve the issue while others need some help and some others struggle. This is an example of applying

Score Obtained : -0.25

- A) Relating culture and society in learning
B) Adapting Instructional strategies
C) Zone of Proximal Development
D) Breaking down the problem to easy pieces

Q2792751 Ramesh is a teacher in grade 7. He expects absolute silence in his class through out a lesson. He doesn't tolerate even small distractions and imposes huge penalty for disruption. Such a style can be classified as

Score Obtained : -0.25

- A) Authoritarian**
B) Laissez-Faire
C) Activist
D) Firm

Q2791223 Which of the following is not a disadvantage of the discussion method?

Score Obtained : 1.0

- A) Requires highly skilled instructor.
B) Involves one way communication.
C) Requires preparation by student.

D) Consumes time.

Q2792749 A school in a democratic society can demonstrate the ideals of democracy when the teacher in the class acts as a

Score Obtained : 1.0

- A) Authority who has all the power
B) Guide who facilitates learning
C) Dictator who directs everything
D) Person of wisdom who has all the information
-

Q2791296 Which of the following options is a non-formal educational movement with training methods based on Law and promise, Learning by doing, and Patrol System?

Score Obtained : 1.0

- A) Library System
B) Mass Media
C) Scouting and Guiding
D) Newspapers
-

Q2791186 Which of the following scheme was initiated by the government in 2009 specifically for enhancing the access to secondary education and bringing improvement in the quality of secondary education system?

Score Obtained : -0.25

- A) RTE
B) RUSA
C) SSA
D) RMSA
-

Q2792627 Which of the following equation is correct?

Score Obtained : -0.25

- A) $\Delta G = -\Delta H - T\Delta S$
B) $\Delta G = -\Delta H + T\Delta S$
C) $\Delta G = \Delta H - T\Delta S$
D) $\Delta G = \Delta H + T\Delta S$
-

Q2791661 Which one of the following combinations is WRONG in terms of atomic theory?

Score Obtained : 1.0

- A) Bohr model-smallest orbit has the lowest energy
B) Thomson-watermelon model
C) Rutherford-alpha scattering
D) Dalton-plumpudding model
-

Q2791670 The CORRECT combination of Major energy level and its geometry is

Score Obtained : -0.25

- A) K-circular; L-Circular; M-elliptical; N-hyperbolic
B) K-circular; L-Circular; M-elliptical; N-cylindrical
C) K-circular; L-Circular; M-elliptical; N-elliptical
D) K-circular; L-hyperbolic; M-elliptical; N-elliptical
-

Q2791711 What is the dimensional formula of impulse?

Score Obtained : 1.0



- A) MLT^{-3}
B) MLT^{-2}
C) ML^2T^{-2}
D) MLT^{-1}

Q2791776 A refrigerator is placed inside a closed kitchen and is working. If its door is left open for a long time, which of the following is most likely to happen?

Score Obtained : -0.25

- A) The temperature of the kitchen will reach the temperature of its freezer
B) The temperature of the kitchen will decrease
C) The temperature of the kitchen will increase
D) The temperature of the kitchen will not change

Q2792630 Which of the following plot represents Ellingham diagram?

Score Obtained : 0.0

- A) $\Delta G(0)$ Vs T**
B) $E(0)$ Vs pH
C) $E(0)$ Vs T
D) $\Delta G(0)$ Vs pH

Q2792628 Which of the following equation is correct?

Score Obtained : 1.0

- A) $\Delta G = -RT \ln K$**
B) $\Delta G = RT \log K$
C) $\Delta G = -RT \log K$
D) $\Delta G = RT \ln K$

Q2792629 Determine the cell voltage constructed from electrodes having reactions.

- (A) $Cu^{(2+)} + 2e^- \rightarrow Cu, E^0 = +0.34V$
(B) $Sn^{(2+)} + 2e^- \rightarrow Sn, E^0 = -0.136V$

Score Obtained : 0.0

- A) -0.204
B) 0.204
C) 0.476 V
D) -0.476

Q2791739 Electric field and magnetic field in a cyclotron are called

Score Obtained : 1.0

- A) Parallel fields
B) Matching fields
C) Perpendicular fields
D) Crossed fields

Q2791737 An electric heating element consumes 500 W, when connected to a 100 V line. If the line voltage becomes 150 V, the power consumed will be

Score Obtained : 0.0

- A) 750W



- B)** 1125W
C) 500W
D) 1000W
-

Q2791734 Metallic sphere of radius R is charged to potential V. The charge q is proportional to

Score Obtained : 1.0

- A) Q
B) Both V and R
C) V
D) R
-

Q2791761 A person hears the sound of the explosion of a bomb after 5 s and another person hears the sound after 6 s. The ratio of minimum and maximum possible distance between the person is

Score Obtained : 1.0

- A)** 1:11
B) 5:6
C) 1:2
D) 1:4
-

Q2791714 Keeping the total mechanical energy constant in an isolated, conservative system, the potential energy of a system can increase if a work is done on the system by

Score Obtained : -0.25

- A)** external forces
B) conservative internal forces
C) nonconservative internal forces
D) combination of conservative external forces and gravity force
-

Q2791693 If the spin of both the two electrons in $(2p_x)^2$ electrons in an electronic configuration are $+1/2$, then

Score Obtained : -0.25

- A)** it violates Pauli's exclusion principle only; not aufbau principle and Hund's rule
B) it violates Hund's rule, Aufbau principle and Pauli's exclusion principle
C) it violates Hund's rule only; not Aufbau principle and Pauli's exclusion principle
D) it violates Aufbau's principle only; not Hund's rule and Pauli's exclusion principle
-

Q2791770 What is the SI unit of mechanical equivalent of heat?

Score Obtained : -0.25

- A)** Joules
B) Calorie
C) Joules/Calorie
D) Calories/Joules
-

Q2791765 The SI unit of intensity of sound is

Score Obtained : -0.25

- A)** Wm^{-2}
B) Wm^{-1}
C) W^2
D) m^2

Q2791701 If a spring of spring constant 100N/m extended 2cm from its equilibrium, then how much energy will be stored in spring in the process of extension?

Score Ol

- A) 100J
- B) 0.02J**
- C) 0.2J
- D) 2J

Q2791742 Which of the following is false regarding solenoid?

Score Obt

- A) The net magnetic field is the product of fields due to all the turns**
- B) There are several turns of wire carrying current
- C) Each turn forms a separate loop
- D) The wire is enamelled for insulation

Q2791664 "Pairing takes place only after all the orbitals are atleast singly occupied", this statement is

Score Obt

- A) Hunds rule**
- B) Pauling exclusion principle
- C) Bohr atom model
- D) Aufbau Principle

Q2791698 One kilowatt(kW) is equivalent to

Score Ol

- A) 100W
- B) 1000Js⁻¹**
- C) 1000Js
- D) 1000Ws

Q2792362 The casparian strip consists of a wax-like substance which blocks water and solute movement through the cell wall of endodermis is

Score Ol

- A) cortical cells
- B) suberin**
- C) plasmodesmata
- D) xylem ducts

Q2792297 Which form of energy has spinning turbine blades that can pose a threat to flying wildlife like birds and bats?

Score Ol

- A) Solar energy
- B) Biomass energy
- C) Wind energy**
- D) Thermal energy

Q2792295 In India, NPBD was launched to provide clean and convenient fuel for cooking and lighting in rural areas. What does NPBD stands for?

Score Obt

- A) National Protocol on Biofuel Development
- B) National Protocols on Biofuel Degradation**

- C) National Project on Biogas Development
 - D) National Project on Biofuel Depletion
-

Q2793308 Animals categorized under which of the following phylums have radial symmetry in their adult form?

- A) Porifera
 - B) Hemichordata
 - C) Mollusca
 - D) Echinodermata**
-

Q2791808 The respiratory enzymes in bacteria are usually found in

- A) Episomes
 - B) Nucleoid
 - C) Plasmid
 - D) Mesosomes**
-

Q2792302 A gradual process that occurs when the impact of water or wind detaches and removes soil particles, causing the soil to deteriorate is

- A) Soil conservation
 - B) Soil horizons
 - C) Soil erosion**
 - D) Soil enrichment
-

Q2792363 Book lungs are the main respiratory organ in most

- A) annelida
 - B) calcarea
 - C) cnidaria
 - D) arachnids**
-

Q2792321 Which of the following has been classified as a aquatic biomes?

- A) Tundra
 - B) Desert
 - C) Grassland
 - D) Freshwater**
-

Q2792359 In polar bears body temperature is maintained through

- A) by presence of venom in its bite
 - B) by presence of fur on body**
 - C) by presence of sharp claws
 - D) by presence of strong voice box
-

Q2792318 Which of the following is an example of decomposer?

- A) Snake
 - B) Earthworms**
 - C) Green plants
 - D) Lion
-

Q2792325 In the biogeochemical cycle of carbon in the ocean, molecules of carbon combine with calcium to give which molecule?

- A) Ca(OH)_2
 - B) CaO
 - C) CaC_2
 - D) CaCO_3**
-

Q2791793 Which of the following part of the plant cell provides definite shape and rigidity to the cell?

- A) Nucleus
 - B) Endoplasmic reticulum
 - C) Cell wall**
 - D) Cytoplasm
-

Q2793304 Whittaker's System of Classification divides the organisms into how many kingdoms?

- A) 3
 - B) 9
 - C) 7
 - D) 5**
-

Q2792328 According to ecological succession, the development of bare area having no living matter is called

- A) coaction
 - B) nudation**
 - C) invasion
 - D) competition
-

Q2791778 Which of the following cell organelles helps in intracellular digestion?

- A) Lysosomes**
 - B) Mitochondria
 - C) Golgi complex
 - D) Entoplasmic Reticulum
-

Q2791794 In prokaryotic cells glycolysis takes place in the

- A) Cytoplasm**
- B) Nucleus
- C) Mitochondria

D) Ribosomes

Q2793303 Which of the following phyla is commonly known as sea walnuts?

- A) Aschelminthes
 - B) Platyhelminthes
 - C) Ctenophora**
 - D) Porifera
-

Q2792291 Which are the carcinogenic compounds found in unleaded petrol?

- A) methane and propylene
 - B) ethane and pentane
 - C) benzene and butadiene**
 - D) octane and hexane
-

Q2792357 Name a species that can thrive at very low pH?

- A) Halobacteria
 - B) Natronobacteria
 - C) Cephalosporium**
 - D) Mycoplasma
-

Q2793312 Which of the following organism is an unicellular eukaryote?

- A) Nostoc
 - B) Cladophora
 - C) Yeast
 - D) Slime mould**
-

Q2791907 PQR is a triangle in which $\angle P = 84^\circ$, if the internal bisectors of $\angle Q$ and $\angle R$ meet at O, then measure of $\angle QOR$ is

- A) 78°
 - B) 132°**
 - C) 126°
 - D) 168°
-

Q2791959 If ₹ 690 is divided into three parts in the ratio $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$, then the third part is

- A) ₹ 180
 - B) ₹ 240
 - C) ₹ 280
 - D) ₹ 270**
-

Q2791942 If $\left(\frac{1}{3}\right)^{(3x+1)} = 1$, then the value of x is

- A) 1
 B) -1
 C) $\frac{1}{3}$
D) $\frac{-1}{3}$

Q2791963 What is the unit digit of $(7^{95} - 3^{58})$?

Score Obtained : 1.0

- A) 4**
 B) 0
 C) 1
 D) 3

Q2792002 Riya and Mansi attempted to solve a quadratic equation. Riya made a mistake in writing down the constant term. She ended up with the roots (6, 3). Mansi made a mistake in writing down the coefficient of x. She got the roots as (4, 2). What will be the roots of the correct quadratic equation?

Score Obtained : 1.0

- A) 10 and 5
 B) 7 and 8
C) 8 and 1
 D) 2 and 1

Q2791958 The decimal expansion of the rational number $\frac{4372}{1250}$ will terminate after

Score Obtained : 1.0

- A) four decimal places**
 B) two decimal places
 C) one decimal place
 D) three decimal places

Q2791987 If $A = \{-1, 0, 1\}$, then $n(A \times A \times A)$ is

Score Obtained : 1.0

- A) 3
B) 27
 C) 9
 D) 81

Q2791875 If the angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 8 m away from the wall, then the length of the ladder is

Score Obtained : 1.0

- A) 8 m
 B) $8\sqrt{3}$ m
 C) 12 m
D) 16 m

Q2791934 If $16^{8.5} \times 4^{3.5} \div 64^{4.5} = 4^x$, then the value of x is

- A) 7
 B) 5
 C) 4
 D) 8

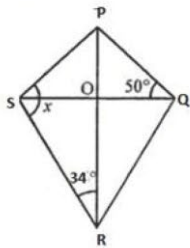
Q2791909 In triangle ABC, $\angle A - \angle B = 35^\circ$ and $\angle B - \angle C = 20^\circ$. The measure of angle C is

- A) 20°
 B) 55°
C) 35°
 D) 90°

Q2792007 In a school, there are 945 students in total. If there is 10% more boys than girls, then the number of boys in the school are

- A) 495
 B) 490
 C) 485
 D) 480

Q2791915 In the given figure, PQRS is a kite whose diagonals PR and QS intersect at O. The value of x is



- A) 100°
 B) 86°
C) 106°
 D) 84°

Q2791892 If $3\sin\theta + 5\cos\theta = 5$, then $5\sin\theta - 3\cos\theta =$

- A) ± 3
 B) ± 1
 C) ± 4
 D) ± 5

Q2791943 If $3x^3 a^{5\log_a x} = 768$, then the value of x is

- A) 3
 B) 5
 C) 8
D) 2

$$Q2791890 \quad \sqrt{\frac{1 + \sin \theta}{1 - \sin \theta}} + \sqrt{\frac{1 - \sin \theta}{1 + \sin \theta}} =$$

Score

- A)** $2\sec\theta$
 B) $2\operatorname{cosec}\theta$
 C) $\sin\theta$
 D) $\cos\theta$

Q2791888 If a pole $4\sqrt{3}$ m high casts a shadow 12 m long on the ground, then the sun's elevation is

Score

- A)** 30°
 B) 45°
 C) 15°
 D) 60°

Q2791936 The value of the expression $8^{\log_2 5} + 9^{\log_3 7} - 5^{\log_{\sqrt{5}} 2}$ is

Score

- A) 175
 B) 125
C) 170
 D) 156

Q2792001 The value of $\sqrt{12 + \sqrt{12 + \sqrt{12 \dots}}}$ is

Score

- A) 24
B) 4
 C) 144
 D) 3

Q2791986 If $A = \{3, 4, 5\}$; $B = \{4, 5, 6, 7\}$, then the number of elements in $(A \times B) \cap (B \times A)$ is

Score

- A) 2
 B) 5
C) 4
 D) 7

Q2791984 If a real valued function $f(x)$ satisfies the functional equation $f(x-y) = f(x)f(y) - f(a-x)f(a+y)$ where 'a' is a constant and $f(0) = 1$, then $f(2a-x)$ is equal to

Score

- A) $f(-x)$
 B) $f(x)$
 C) $f(a) + f(a-x)$
D) $-f(x)$



Techofworld.In

