

P P SAVANI UNIVERSITY
Fourth Semester of B. Sc. Fire & Safety Examination
Des.-2022

SEPD3050 Integrated Personality Development Course-II

16/12/2022, Friday

Time: 9:00 A.M. to 11:30 P.M.

Total Marks: 60

SECTION - I

- Q -1 Answer the following question by selecting the most appropriate option given below it. [30]
- (1) Which of the below scientist, calculated an accurate approximation for Pi (π)?
(A) Aryabhata (B) Vikram
(C) Sushruta (D) Vyasa
- (2) "We owe a lot to the Indians, who taught us how to count, without which no worthwhile
The scientific discovery could have been made." Who said this statement?
(A) Ernest Rutherford (B) Guillaume Le Gentil
(C) Albert Einstein (D) K. V. Sharma
- (3) What research does Zero Project Foundation do?
(A) The development of motor engines with zero carbon emissions (B) The effect of zero-tolerance laws
(C) The origins of the digit zero (D) The benefits of meditation
- (4) Which pair of titles from below best suits Aryabhata Rishi?
(A) Astronomer-Mathematician (B) Physicist-Historian
(C) Physicist-Biologist (D) Nuclear Scientist-Mathematician
- (5) Which of the following methods should we NOT adopt during difficult challenges?
(A) Find a positive attitude (B) Find someone to blame
(C) Find workable solutions (D) Find assistance
- (6) Complete the following quote from the workbook: "Life is 10% what happens to
us and 90%
(A) What happens to others (B) How we feel
(C) Having fun (D) How we respond to it
- (7) According to the workbook, which of these does NOT lead us to failure?
(A) Self-doubts (B) Fear of failure
(C) Finding support (D) Making excuses
- (8) In the book, '7 Habits of Highly Effective People, Stephen Covey says that we
should stay in which one of these circles?
(A) Circle of influence (B) Circle of miracles
(C) Circle of concern (D) Circle of life
- (9) Which famous failure is best known for later success in writing the
international best-selling book series Harry Potter?
(A) John Rolling (B) JK Rowling
(C) George Orwell (D) JRR Tolkien
- (10) Who was kicked out as the CEO of Apple at the age of 30?
(A) Steve Jobs (B) Steven Covey
(C) Tim Cook (D) Steve Wozniak

- (11) Which Indian medical researcher developed the world's first organ regeneration technique?
- (A) Balkrishna Matapurkar (B) Ashima Anand
(C) Subrata Adak (D) Srinivasa Ramaratnam
- (12) Around how many people studied at Takshashilā University for their post-graduation, at any one time?
- (A) 100 (B) 1000
(C) 10000 (D) 100000
- (13) Which of the following western scientists did NOT read our Indian scriptures to seek ideas and inspiration?
- (A) Erwin Schrodinger (B) Werner Heisenberg
(C) Robert Hooke (D) Niels Bohr
- (14) How did Mahadev Desai win the complete trust of Mahatma Gandhi?
- (A) By being loyal (B) By being sincere in his work
(C) By being punctual in all his duties (D) All of the above
- (15) What was the reply from the sweeper at NASA when President John F. Kennedy asked him about his job?
- (A) "I'm helping put a man on the moon." (B) "I keep the NASA premises clean."
(C) "There is no significant contribution from me to NASA's success." (D) "I clean the instruments to be used for NASA's moon mission."
- (16) छादयतत शशी सूर्यं, शशशनं महती च भूच्छाया। This Sanskrit shloka is the scientific explanation of what theory?
- (A) Earth's Gravity (B) Solar and Lunar Eclipses
(C) Calculation of Pi (D) Pythagorean theorem
- (17) We should always be accountable for our actions and be honest with the people who are depending on us.
True / False
- (18) Completing the small things sincerely encourages you to do the big things better.
True / False
- (19) Focus on perfecting only the big things. The small things are not as important.
True / False
- (20) Good character is essential in our personal lives, but not in the workplace.
True / False
- (21) It is possible for a person to bring change in his/her attitude
True / False
- (22) Being punctual in the workplace is unimportant.
True / False
- (23) In the face of failure, we should try to see the positive angle.
True / False
- (24) Focus on what you can control and do not waste energy on things that you cannot control.
True / False
- (25) Within the circle of influence, there are things that you can control.
True / False
- (26) We should spend most of our time in the circle of concern.
True / False
- (27) A country without value-based citizens can create an environment of crime and corruption.
True / False
- (28) To become value-based citizens, we must learn asset valuation techniques.
True / False
- (29) Moral values are a universal necessity.
True / False
- (30) The unfair treatment promotes a productive environment.
True / False

SECTION - II

Q-2 Write the short notes on the following topic in about 100 words. Each short note contains ten marks. (Write any Three) [30]

- (1) Write a note. 'Look at the bigger picture.'
- (2) Describe the achievements of India in the field of Mathematics and Science.
- (3) Explain any two of the virtues required as an ideal citizen.
- (4) Explain -The 24-Hour rule.
