



PDA-FEB-2014

Discover Thyself

PERSOFEST 2014

Mr./Ms. Persofest Round I

Time: 1 hour

Name: _____
Reg No: _____ Dept: _____

Rules:

- ✓ Read the Question Paper carefully before you proceed.
- ✓ Do not open the question paper until you are asked to do so.
- ✓ The duration of the exam is 60 minutes.
- ✓ Fill in the details legibly in the answer scripts provided.
- ✓ Write your contact numbers compulsorily.
- ✓ Do not tick the answers, shade the right option.
- ✓ This question paper contains four sections (43 questions)
 - Section 1 - Aptitude 15 questions
 - Section 2 - Logical 5 questions
 - Section 3 - Verbal 13 questions
 - Section 4 - General Knowledge 10 questions
- ✓ Each wrong answer from section 1 fetches you a negative of 1 mark
- ✓ No negative marks for section 2-4
- ✓ Un-attempted questions carry no marks.
- ✓ You will be selected for the next round based on **Sectional Cut-off**.
So Attempt all the sections.
- ✓ List of the selected candidates will be announced on 12th Feb, 2014.

All the Best!!

SECTION 1-QUANTITATIVE APTITUDE

1. John and Danni go for an interview for two vacancies. The probability for the selection of John is $\frac{1}{3}$ and whereas the probability for the selection of Danni is $\frac{1}{5}$. What is the probability that none of them are selected?

- a. $\frac{3}{5}$ b. $\frac{7}{12}$ c. $\frac{8}{15}$ d. $\frac{1}{5}$

2. In June a baseball team that played 60 games had won 30% of its game played. After a phenomenal winning streak this team raised its average to 50% .How many games must the team have won in a row to attain this average?

- a.12 b.24 c.30 d.48

3. A man can hit a target once in 4 shots. If he fires 4 shots in succession, what is the probability that he will hit his target?

- a. $\frac{1}{5}$ b. $\frac{28}{35}$ c. $\frac{81}{256}$ d. $\frac{175}{256}$

4. Sam buys 10 apples for Re.1. At what price should he sell a dozen apples if he wishes to make a profit of 25%?

- a.Re.3 b.Re.2 c.Re.1.5 d.Re.0.5

5. In the first 1000 natural numbers, how many integers exist such that they leave a remainder 4 when divided by 7, and a remainder 9 when divided by 11?

- a.13 b.14 c.15 d.16

6. In what ratio should a 20% methyl alcohol solution be mixed with a 50% methyl alcohol solution so that the resultant solution has 40% methyl alcohol in it?

- a.1:2 b.2:1 c.3:2 d.2:3

7. John weighs twice as much as Marcia. Marcia's weight is 60% of Bob's weight. Dave weighs 50% of Lee's weight. Lee weighs 190% of John's weight. Which of these 5 persons weighs the least?

- a.Marcia b.Dave c.Bob d.Lee

8. Seven children — A, B, C, D, E, F, and G — are going to sit in seven chairs in a row. The children C & F have to sit next to each other, and the others can sit in any order in any remaining chairs. How many possible configurations are there for the children?

- a.600 b.720 c.1440 d.4320

9. What is the probability of rolling three six-sided dice, and getting a different number on each die?

- a. $\frac{1}{12}$ b. $\frac{5}{9}$ c. $\frac{3}{9}$ d.None of the above

10. At Veridux Corporation, there are 250 employees. Of these, 90 are female, and the rest are males. There are a total of 40 managers, and the rest of the employees are associates. If there are a total of 135 male associates, how many female managers are there?

- a.15 b.20 c.35 d.40

11. The sum of all 2 digit numbers that are not divisible by 5 is

- a.3960 b.4065 c.4905 d.None of these

12. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together (including the first toll at 0min) ?

- a.4 b. 10 c. 15 d. 16

13. In a classroom, if 6 students per bench are assigned to accommodate all students one more bench is required. However if seven students are accommodated per bench, there would be space left for 5 students. What is the number of students in the class?

- a.30 b. 42 c. 72 d. none of these

14. A speaks the truth in 75% of the cases and B speaks the truth in 80% of the cases. In what percentage of cases are they likely to contradict each other while narrating the same story?

- a.5% b. 15% c. 35% d.45%

15. What will be the remainder when $(67^{67}+67)$ is divided by 68?

- a.1 b. 63 c.66 d.67

SECTION 2-LOGICAL REASONING

Study the following information and answer the questions below.

There are five houses in five different colours. In each house lives a person of a different nationality. These five owners drink a certain beverage, smoke a certain brand of cigarette and keep a certain pet. No owners have the same pet, smoke the same brand of smoke or drink the same drink. The hints are

1. The Brit lives in the red house.
2. The Swede keeps dogs as pets.
3. The Dane drinks tea.
4. The green house is on the left of the white house.

5. The green house owner drinks coffee.
 6. The person who smokes Pall Mall rears birds.
 7. The owner of the yellow house smokes Dunhill.
 8. The man living in the house right in the centre drinks milk.
 9. The Norwegian lives in the first house.
 10. The man who smokes Blend lives next to the one who keeps cats.
 11. The man who keeps horses lives next to the man who smokes Dunhill.
 12. The owner who smokes Blue Master drinks beer.
 13. The German smokes Prince.
 14. The Norwegian lives next to the blue house.
 15. The man who smokes Blend has a neighbour who drinks water.
16. Who owns fish?
- a. German b. Swede c. Norwegian d. Brit
17. What does Norwegian drink?
- a. tea b. coffee c. beer d. water
18. Who lives in yellow house?
- a. Dane b. German c. Norwegian d. Swede
19. Who drinks beer?
- a. cat owner b. dog owner c. birds owner d. fish owner
20. What does Dane smoke?
- a. Dunhill b. Prince c. Blend d. Blue Master

SECTION 3-VERBAL ABILITY

21. Click: Photographer :: _____ : horses
- a. hares b. herd c. field d. gatling
22. By being _____ , one can save a lot of money
- (a).frugal (b) extravagant (c)optimistic (d) sanguine
23. Race : fatigue :: Fast : _____
- (a.) Food (b) appetite (c) Hunger (d) Weakness

24. In the 1950's, the country's inhabitants were _____, most of them knew very little about foreign countries.

- (a) partisan (b) erudite (c) insular (d) cosmopolitan

25-27. Stress-induced amnesia is a rare and (25)_____ phenomenon; it strikes the patient apparently without warning and the memory loss can be as (26)_____ as that induced by (27)_____ trauma.

Blank (25) A. devastating B. venial C. pervasive	Blank (26) A. generic B. limited C. complete	Blank (27) A. unexpected B. mental C. physical
---	---	---

28-29. The publishers, unwilling to (28)_____ the entire risk, insisted that the author pay half the cost of the initial print run of his (29)_____ new book.

Blank (28) A. hedge B. shoulder C. mitigate	Blank (29) A. unexceptionable B. controversial C. Jaundiced
--	--

30. All good comic writers use humour to _____, not to side-step the problems of human behaviour.

- (a) Amuse (b) avert (c) juxtapose (d) confront (e) solve

31. The _____ output of novels by the author kept her fans very happy.

- (a) Minimal (b) prodigious (c) soporific (d) sordid

32. The antonym of Abide is

- (a) retract an offer
(b) refuse to endure
(c) shield from harm
(d) exonerate

33. Hawkins is _____ in his field; no other contemporary scientist commands the same respect.

- (a). disparaged
(b). Ignominious
(c). Obsolete
(d). Preeminent

SECTION 4-GENERAL KNOWLEDGE

34. The NASA Wallop Flight Facility in Virginia has a painting depicting a great Indian ruler for his use of rockets in warfare against the British. Identify the ruler.

- (a) Tipu Sultan (b) Shivaji (c) Jahangir (d) Akbar

35. The famous "I have a dream" speech was given by

- (a) Jawaharlal Nehru (b) Barack Obama (c) Martin Luther King Jr (d) Winston Churchill

36. Since the inception of the Premier League, only 5 teams have won the title. Four of them are Arsenal, Manchester United, Manchester City and Chelsea. Which is the fifth?

- (a) Liverpool (b) Blackburn Rovers (c) Sheffield United (d) Leeds United

37. Who speaks the first lines of the Bhagavat Gita?

- (a) Dhritarashtra (b) Arjuna (c) Lord Krishna (d) Veda Vyasa

38. What was J.K Rowling's first publication since the Harry Potter series?

- (a) The Casual Vacancy (b) The Prodigal Daughter (c) Little Women (d) Best Kept Secret

39. Who is the present Governor of Tamilnadu?

- (a) Prathiba Patil (b) Konijeti Rosaiah (c) Kalimuthu (d) None of the above

40. Which of the following awards is not awarded to Dr.A.P.J.Abdul Kalam?

- (a) Bharat Ratna (b) Padma Bhushan (c) Padma Shri (d) Padma Vibhushan

41. The famous tamil novel "Ponniyin Selvan" written by Kalki tells the story of Arulmozhi varman. How is he popularly known?

- (a) Rajaraja Chola (b) Rajendra Chola (c) Vijayalaya Chola (d) Karikala Chola

Guess the following personalities based on the clues given.

42. The most talented Indian lady, born of Bengali parents, was a poet and orator who took a prominent part in Indian politics. She presided over the Kanpur session of the Indian National Congress in 1925 and was the first lady to be appointed a state Governor in the Republic of India.

43. I am the Austrian actor who won the Mr. Universe title at the age 20. My breakthrough film was "Conan the Barbarian". I have been a registered Republican for many years. I served two terms as the 38th Governor of California from 2003 until 2011.

☺ BEST OF LUCK ☺