

**UKPSC MAIN EXAM 2014**

**PAPER VII**

**MOCK TEST PAPER**

**Seventh Question Paper**

**General Aptitude and Ethics**

**Time Allowed: 03 Hours**

**MM: 200**

**Part I**

**There are 15 questions in this part. All questions are compulsory.**

**Each question carries 02 Marks.**

**[Answer Limit : 20**

**words]**

1. What is the importance of ethics?
2. Importance of probity in governance?
3. Find the value of  $x + y$  if  $119xy$  is divisible by 99?
4. The two sides of a right triangle containing the right angle measure 3 cm and 4 cm. The radius of the incircle of the triangle is?
5. What do you understand by Buddhist ethics?
6. What do you understand by jaina ethics?
7. Explain the structure of attitude.
8. If LCM of  $a$  and  $b$  is 42 and LCM of  $c$  and  $d$  is 63 then what is the LCM of  $a, b, c$  and  $d$ ?
9. What is attitude ambivalence?
10. What is persuasion?
11. What do you mean by "committed bureaucracy"?
12. What is emotional intelligence?
13. A trapezium is inscribed in a circle. One of the parallel sides of the trapezium is the diameter of the circle and the other side is 16 cm. The height of the trapezium is 3 cm. Find the area of the circle.
14. Plato's cardinal virtues
15. Ethical egoism of ayn rand

## PART II

**Note: There are 10 questions in this part. All questions are compulsory. Each question carries 05 Marks.**

**[Answer Limit : 50 words]**

16. Distinguish between “ethic of care” and “ethic of justice”
17. If you write all the numbers from 1 to 75 side by side, you will get a huge number. What is the remainder when you divide this number by 8.
18. Right to information Act
19. Examine the key concepts of Sartre’s ethical theory?
20. In a school, there are only three sections– A, B and C. Average marks per student in section A is 72. Average marks per student in section B is 77. Average marks per student in section C is 81. If the ratio of students in these three classes is 5:7:9, then what is the average marks per student in the complete school?
21. Examine the views of Aristotle on ethics?
22. Examine the code of ethics for civil servants.
23. Explain the rationale of a citizen’s charter.
24. What will be the coordinates of the circumcenter of a triangle whose vertices are (0, 0), (0, 8) and (10, 0)?
25. In a bag there are 4 red, 5 black and 6 yellow balls. What is the minimum number of balls that must be picked in order to ensure at least two balls of same color?

## Part III

**Note: There are 07 questions in this part. Candidate should attempt any 05 questions. Each question carries 08 Marks.**

**[Answer Limit : 125 words]**

26. What is the core idea of Kant's ethics? (125 Words)
27. Explain the thoughts and ideas of Vivekananda regarding moral values and character building education. (125 Words)
28. What is Aristotle's concept of good life? (125 words)
29. In a multiple choice questions test, there were 100 questions, each with 4 options, a, b, c, d. out of these 4 options, there was only one correct option, while the other options were wrong. Each student is awarded 4 marks for each correct answer and is penalized with 1 mark for each wrong answer. What is the maximum number of students in the class if all of them have scored different scores?
30. The semicircle is now cut into two identical parts. Each one is folded to form a cone. What is the ratio of the base radius of this cone to that of the original cone?
31. In a circle, drawn on different sides of the centre, are parallel chords equal to 36 mm and 48 mm; the distance between them is 42 mm. Determine the radius of the circle.
- 32. Case Study** – A junior member of staff has just returned to work after taking special leave to care for her elderly mother. For financial reasons she needs to work full-time. She has been having difficulties with her mother's home care arrangements, causing her to miss a number of team meetings (which usually take place at the beginning of each day) and to leave work early. She is very competent in her work but her absences are putting pressure on her and her overworked colleagues. You are her manager, and you are aware that the flow of work through the practice is coming under pressure. One of her male colleagues is beginning to make comments such as "a woman's place is in the home", and is undermining her at every opportunity, putting her under even greater stress. Question: How should you proceed so as not to discredit yourself, your profession or the practice for which you work and at the same time maintaining integrity and confidentiality in your actions? (125 Words)

#### PART IV

**Note: There are 07 questions in this part. Candidate should attempt any 05 questions.**

33. What are the common ethical dilemmas with which public servants are confronted? (250 Words)
34. What are the three basic components of attitude? Will all three aspects always be present in an attitude? discuss with the help of an example. (400 Words)
35. Examine the features of the contemporary bureaucratic paradigm.(500 words)
36. What is accountability ? do agree Governance in india today faces a serious crisis of accountability? Discuss? (700 words)
37. Sixteen cylindrical cans, each with a radius of 1 unit, are placed inside a cardboard box four in a row. If the cans touch adjacent cans and/or the walls of the box, which of the following could be the interior area of the bottom of the box in square units?
38. In a betting machine, one customer can bet on any of the ten numbers from 0 to 9. And there will be exactly one outcome and if this outcome is same as the number on which customer has bet, then customer will get 9 times the money he has bet. If the chances of selection of all the numbers is equally likely then what is the most probable daily income from this betting machine if there is a daily bet of Rs 1, 00, 000 on this machine and assume that there is no operational cost involved.
39. **Case Study** – Girija, a smart and extremely talented young IAS officer, is posted as SDM of a Sub-Division in a Southern State, under whose jurisdiction the constituency belonging to a young MP falls. He is projected to become PM as he is the heir apparent in his party. Most opinion poll surveys have predicted that his party would come to power at the centre on its own strength in the impending general elections. He is also a bachelor. Girija, is now married to a handsome and equally talented IPS officer, who is now posted as ASP in a district far away from where she works. Their marriage has been smooth so far. The young MP, in his first official meeting with the officials of his constituency notices Girija and is impressed by her personality and work. After the meeting, he sends her an official communication to meet him and discuss about a project that is being

implemented in his constituency. The meeting is held at his residence. During his meeting, he offers her a position in PMO if he comes to power. Getting into PMO is the dream of many bureaucrats, but Girija declines the offer citing her marriage and want of grassroots experience. However the meeting ends cordially and the young MP is more impressed about her. He gives her his personal number and asks her to be in touch with him. After few days of chat, he starts signaling his affection for her. Girija, though she loves her husband, keeps her frequent chats with the MP a secret. The problem is she too is stung by the charm of the young MP. But she is aware of the consequences of any false step from her side and maintains a safe distance from him. Meanwhile the elections get over and the young MP is now the PM of the country. He sends her an unofficial communique to join PMO mentioning that if her response is affirmative, the official order would be sent soon. This job, especially for an young officer is a ladder to excellent career prospects in future and it is hard to come by even with lot of lobbying. She discusses the offer with her husband, but she refrains from discussing about the chats she frequently had with the MP. Her husband asks her to take her own decision keeping in mind family and professional consequences. She is apprehensive about the intentions of the PM and if she joins, she may have to compromise her personal life. Her husband can not move with her. Earlier she had refused the offer and now the job seems to be enticing one considering the career prospects. What should Girija do knowing the risks and benefits of the new offer? **(400 Words)**