

KERALA PSC MOTOR MECHANIC EXAMINATION PREVIOUS QUESTION PAPER

Examination Conducted on 2005

Time: 1 hour 15 minutes
Maximum Marks: 100

www.keralapscblog.com

1. The first Governor of Kerala to die in office:
 - a. Sikander Bhakth
 - b. V.V. Giri
 - c. P. Sivasankar
 - d. Rachaiya
2. The place where the airport is situated in Kozhikode:
 - a. Karippur
 - b. Nedumbasseri
 - c. Tenhipalam
 - d. Kallayi
3. The first lion safari park in Kerala:
 - a. Thekkady
 - b. Munnar
 - c. Neyyar
 - d. Malampuzha
4. The rainiest place of earth is:
 - a. Cherrapunji
 - b. Lakshadweep
 - c. Nagpur
 - d. Jharkhand
5. Who is the present Governor of the Reserve Bank of India:
 - a. Bimal Jalan
 - b. Y. Venugopal Reddy
 - c. C. Rangarajan
 - d. R.N. Malhotra
6. The well-known Kathakali artiste who passed away recently:
 - a. Guru Gopinath
 - b. Kalamandalam Gangadharan
 - c. Chambakulam Pachu Pillai
 - d. Kalamandalam Krishankutty

7. The national news paper that celebrated its 125th Anniversary recently:
 - a. Times of India
 - b. The New Indian Express
 - c. The Hindu
 - d. Mathrubhumi

8. The well-known Malayalam poet who celebrated the 75th Anniversary of his poetic career last month:
 - a. Pala Narayanan Nair
 - b. Kunjunni
 - c. Akkitham
 - d. Chemmanam Chacko

9. The Raja Ravi Varma Award for 2003 was awarded to the artist:
 - a. M.F. Hussain
 - b. Nampoothri
 - c. Jayasree Mishra
 - d. Amrita Sheri-gil

10. The Vice-president of India is:
 - a. Manmohan Singh
 - b. Jaswant Singh
 - c. P. Chidambaram
 - d. Bhero Singh Shekawat

11. Kerala was officially named in:
 - a. 1949
 - b. 1948
 - c. 1956
 - d. 1958

12. The Minister for Cultural Affairs of Kerala is:
 - a. G. Karthikeyan
 - b. M.M. Hasan
 - c. Kadavoor Sivadasan
 - d. P. Sankaran

13. The largest irrigation project in Kerala:
 - a. Kallada
 - b. Idukki
 - c. Tirur
 - d. Thenmala

14. The Kundara Proclamation was made by:
 - a. Pattom Thanu Pillai
 - b. Sri Chithira Thirunal
 - c. C.P. Ramaswami Iyer
 - d. Veluthampi Dalava

15. The first lady to become a minister of Kerala:
 - a. Suseela Gopalan
 - b. Akkamma Cherian
 - c. K.R. Gouri

d. Lakshmi N. Menon

16. The writer who is known as 'Swadeshbhimani':

- a. E.V. Krishna Pillai
- b. Thakazhi Sivasankara Pillai
- c. K. Ramakrishna Pillai
- d. Vakkom Chandrasekharan Nair

17. The largest lake in Kerala:

- a. Kumarakom
- b. Veli
- c. Ashtamudi
- d. Vembanad

18. The tallest mountain peak in Kerala:

- a. Nilgiris
- b. Kanchenjunga
- c. Anamudi
- d. Ponmudi

19. The biggest river in Kerala is:

- a. Periyar
- b. Chaliyar
- c. Munnar
- d. Pamba

20. The largest hydro-electric project in Kerala:

- a. Beypore
- b. Peechi
- c. Kallada
- d. Idukki

21. The basic structure of vehicles are:

- a. Frame, suspension system, axles, wheels and tyres
- b. Frame, axles, engine and wheels
- c. Frame, suspension system, gearbox and tyres
- d. Frame, clutch, wheels and break

22. Wire spoked wheels are used mainly in:

- a. Sports car
- b. Heavy vehicles
- c. Two wheelers
- d. Toy cars

23. A two wheel drive means:

- a. A scooter
- b. A bicycle
- c. Rear axle is live axle
- d. Front wheel is live axle

24. Which one are L.T.V:

- a. Bus, Truck
- b. Car, Jeep

- c. Aircrafts
- d. Boats

25. Select six wheeler from the following:

- a. Car
- b. Scooter
- c. Buses
- d. Autorikshows

26. Four wheel drive vehicle is:

- a. Bus
- b. Jeep
- c. Indian cars
- d. Volk wagon car

27. While taking turns, the driving wheel must turn in different speeds. This is done with the help of:

- a. Gear
- b. Clutch
- c. Axles
- d. Differentials

28. Clutches are two types:

- a. Conventional and functional
- b. Friction clutch and fluid flywheel
- c. Friction and axial
- d. Friction and spring clutch

29. Co-efficient of friction for leather used for friction clutch are:

- a. 0.27
- b. 3.7
- c. 0.4 to 0.5
- d. 0.35 to 0.4

30. Clutch components are:

- a. Clutch plate, pressure plate, clutch facing spring, bearing
- b. Clutch plate, Clutch facing stud, spring
- c. Pressure plate, spring, ball bearing
- d. Clutch plate, steel plate, spring, fluid

31. Clutch plate consists of:

- a. Steel plate with splined central hub
- b. Leather plate with a gear
- c. Steel plate with a pinion
- d. Alloy metal with a crown

32. Type of clutch used in Hindustan Ambassador Mark II is:

- a. Single dry plate
- b. Wet plate
- c. Hydraulically operated dry plate
- d. Diaphragm spring type

33. Method of lubrication in a gear box is:

- a. Cup feed
- b. Splash
- c. Direct
- d. Grease gun

34. The shaft which transmits the drive from the gear box to the level pinion is:

- a. Lay shaft
- b. Spline shaft
- c. Propeller shaft
- d. Crank shaft

35. The Universal joint is in between the:

- a. Clutch and gear
- b. Axle and wheel
- c. Brake and pedal
- d. Propeller shaft and rear axle drive

36. Crown and level pinion is used in:

- a. Gear box
- b. Rear axle
- c. Steering
- d. Brake assembly

37. Viscosity is:

- a. The colour of the oil
- b. The name of the oil
- c. Property of the oil
- d. The quantity of the oil

38. The material used for front axle is:

- a. Steel
- b. Alloy steel with 0.4% c.s and 1.3% nickel
- c. Mild steel
- d. Wrought iron

39. Which one is the steering gear:

- a. Spur gear
- b. Crown and pinion
- c. Helical gear
- d. Worm and worm wheel

40. Advantage of tubeless tyre is:

- a. Lighter and run cooler
- b. Heavier and not want tube
- c. Take more time to change
- d. Dismantling is very difficult

41. Tyre pressure of Ashok Leyland comet in the rear tyre is:

- a. 1.8 kg/cm²
- b. 2.38 kg/cm²
- c. 5.8 kg/cm²
- d. 5.1 kg/cm²

42. Fire Stone Tyre and Rubber Co. of India Pvt. Ltd is manufactures of:

- a. Gear
- b. Tyre
- c. Bus
- d. Clutch

43. Expander is a part in:

- a. Clutch
- b. Axle
- c. Brake
- d. Steering

44. Ford motor company is situated in:

- a. India
- b. U.K
- c. Australia
- d. U.S.A

45. Speedometer consists of two accessories:

- a. Speedometer and odometer
- b. Speedometer and voltmeter
- c. Voltmeter and ammeter
- d. Radiator and accelerator

46. Mirrors are fitted in vehicles:

- a. To comb the hair of the driver
- b. To improve rear vision
- c. To watch the people on the road
- d. To check the hair style of the driver

47. The expansion of Telco:

- a. Tata Engineering Ltd.
- b. Toyota Engineering and Auto Ltd.
- c. Tata Engineering and Locomotive Co. Ltd.
- d. Tata Automobiles Ltd.

48. Allen keys are used on Allen screws, which have:

- a. Hexagonal shaped grooves in their hand
- b. Wooden handle in their head
- c. Square shaped grooves in their head
- d. Plastic handle in their head

49. In a screw jack, the threads are:

- a. 'V' shaped
- b. Helical
- c. Square
- d. Butters

50. The firing order of four cylinder engine is:

- a. 1, 3, 4, 2
- b. 1, 2, 3, 4
- c. 1, 4, 3, 2

d. 2, 1, 4, 3

51. The movement of an engine piston is:

- a. Linear
- b. Reciprocating
- c. Horizontal
- d. Vertical

52. The normal temperature of water under running of an engine is:

- a. 100°C
- b. 50°C
- c. 70° to 90°C
- d. 98.4°C

53. The name of tool used for checking valve clearance of engine is:

- a. Micrometer
- b. Ammeter
- c. Wire gauge
- d. Feeler gauge

54. The normal oil pressure of an engine when running is:

- a. 2.2 to 5 kg/cm^2
- b. 5.5 to 7.5 kg/cm^2
- c. 3.2 to 6.2 kg/cm^2
- d. 10 kg/cm^2

55. Piston rings are used:

- a. To seal oil leakage
- b. To seal compression leakage
- c. To seal water leakage
- d. To seal diesel leakage

56. The -ve signal of an ammeter denotes:

- a. Discharged battery
- b. Decay of carburetor
- c. Trouble of starting motor
- d. Ammeter warm out

57. Air cleaner is used for:

- a. Filtering diesel
- b. Filtering oil
- c. Filtering air
- d. Filtering water

58. The Exhaust Muffler is used to:

- a. Increase sound
- b. To reduce sound level
- c. To discharge smoke easily
- d. To reduce fuel consumption

59. The tappet clearance for the side valve mechanism is measured between:

- a. Valve and ring
- b. Cam and cam shaft

- c. Valve stem and tapped
- d. Cam and tappet

60. In a battery cell the numbers of positive plates are of than negative plates:

- a. More
- b. Less
- c. Equal
- d. No plates

61. While starting the engine, starter pinion meshes with:

- a. Gear box
- b. Clutch
- c. Crown and pinion
- d. Fly wheel ring gear

62. Connecting rod is attached to the piston by:

- a. Split pin
- b. Gudgeon pin
- c. Bolt and nut
- d. Screw

63. The relationship between total volume and clearance volume is called:

- a. Ignition
- b. Relativity
- c. Velocity
- d. Compression ratio

64. The space between the piston and cylinder is called:

- a. Valve clearance
- b. Piston clearance
- c. Camber
- d. Vacuum clearance

65. The manufactures of Yamaha RX-100 is:

- a. Hero Honda
- b. Enfield
- c. Yamaha
- d. Escort

66. Motor vehicle used for transportation over the ground is called:

- a. Aeroplane
- b. Boat
- c. Motor cycle
- d. Automobile

67. Engine dynamo is driven by:

- a. Flat belt
- b. 'V' belt
- c. Wire rope
- d. Cotton rope

68. Two speed reverse gear arrangement is generally provided in:

- a. Tractor
- b. Diesel vehicles
- c. Maruthi 800
- d. Ashoklayland vehicles

69. The common firing order of a six cylinder engine is:

- a. 1-2-3-4-5-6
- b. 1-4-3-6-5-2
- c. 1-5-3-6-2-4
- d. 1-3-5-6-4-2

70. Piston rings are made of:

- a. Alloy steel
- b. Fine grained alloy cast iron
- c. Stainless steel
- d. Cast steel

71. An example of a biodegradable pollutant is:

- a. Pesticide
- b. Smog
- c. Carcasses
- d. Aluminium cans

72. Bone formation and growth is aided by:

- a. Vitamin A
- b. Vitamin K
- c. Vitamin E
- d. Vitamin D

73. Which one of the following is a genetically transmitted character:

- a. Haemophilia
- b. Colour blindness
- c. Hydrocephalus
- d. Muscular dystrophy

74. Fruit juices are rich in:

- a. Vitamin A
- b. Calcium
- c. Potassium
- d. Sodium

75. Asafoetida is a/an:

- a. Alkaloid
- b. Resin
- c. Tannin
- d. Essential oil

76. Blue of the sky is due to:

- a. Refraction of white light by the atmosphere
- b. Reflection of white light by the earth
- c. Scattering of white light by molecules of air
- d. Interference of white light

77. Increase in cases of skin cancer is a result of:

- a. Ozone hole
- b. Pollution
- c. Biomagnifications
- d. Green house effect

78. A concentrated source of protein for vegetarians is:

- a. Wheat
- b. Potato
- c. Soyabean
- d. Blackgram dhal

79. A sure method for preventing spoilage of food is:

- a. Pickling
- b. Cold storage
- c. Irradiation
- d. Drying

80. The largest gland in the human body is:

- a. Salivary gland
- b. Gastric gland
- c. Liver
- d. Intestinal gland

81. India's first war of Independence took place in:

- a. 1947
- b. 1857
- c. 1945
- d. 1847

82. The Indian poet who won the Nobel Prize for literature in 1913:

- a. Rabindranath Tagore
- b. Sarojini Naidu
- c. Nissim Ezekeil
- d. A.K. Ramanujam

83. Vedas is a Sanskrit word meaning:

- a. Poetry
- b. Prose
- c. Book
- d. Knowledge

84. The person who is regarded as the father of Indian Space Research Programme is:

- a. A.P.J. Abdul Kalam
- b. Vikram Sarabhai
- c. S. Ramanujam
- d. J.C. Bose

85. The Salt Sathyagraha took place in:

- a. 1931
- b. 1930
- c. 1947

d. 1948

86. The first rocket in India was launched from:

- a. Thiruvananthapuram
- b. Pokhran
- c. Srikakulam
- d. Nagpur

87. The birth place of Adi Sankaracharya is:

- a. Kalady
- b. Kannur
- c. Guruvayur
- d. Kochi

88. The founder of the Indian National Congress:

- a. Jawaharlal Nehru
- b. Jayaprakash Narayan
- c. Annie Besant
- d. A.O. Hume

89. The architect of the Indian Constitution:

- a. Mahatma Gandhi
- b. Jawaharlal Nehru
- c. Ambedkar
- d. Dr. Rajendra Prasad

90. Who among the following proclaimed "Freedom is my Birthright":

- a. Mahatma Gandhi
- b. Jawaharlal Nehru
- c. Lal Bahadur Sastri
- d. Bal Gangadhar Tilak

91. Harappa the first site in the Indus Valley Civilization was discovered in:

- a. 1920
- b. 1921
- c. 1922
- d. 1919

92. The period of the Indus Valley Civilization was:

- a. 5000-2500 B.C
- b. 7500-5000 B.C
- c. 2500-1000 B.C
- d. 3000-1500 B.C

93. The largest number of Harappan sites has been found in:

- a. Punjab
- b. Gujarat
- c. Rajasthan
- d. Uttar Pradesh

94. The first Governor General of Independent India:

- a. Lord Mountbatten
- b. Lord Rippon

- c. Lord Dalhousie
- d. Lord Mayo

95. The former Indian Prime Minister who signed the Tashkent agreement with Pakistan:

- a. Jawaharlal Nehru
- b. Lal Bahadur Shastri
- c. Rajiv Gandhi
- d. Indira Gandhi

96. The Governor General of India who is known as the modern of modern India:

- a. Lord Mayo
- b. Lord Bentic
- c. Lord Dalhousie
- d. Lord Rippon

97. The spiritual leader who played a significant role in the establishment of the Vijayanagar Empire was:

- a. Vidyaranya
- b. Purandaradas
- c. Sankaracharya
- d. Thenali Raman

98. The first Indian Governor General of India was:

- a. C. Rajagopalachari
- b. Bal Gangadhar Tilak
- c. Jaya Prakash Narayan
- d. J.C. Bose

99. The person who is known as the Iron Man of India:

- a. Humayun
- b. Jawaharlal Nehru
- c. Subash Chandra Bose
- d. Sardar Vallabhai Patel

100. The Red Fort in New Delhi was built by:

- a. Akbar
- b. Harsha
- c. Shahjahan
- d. Chalukya

Answers

1. A	11. C	21. B	31. A	41. C	51. B	61. D	71. C	81. B	91. B
2. A	12. C	22. C	32. A	42. B	52. C	62. B	72. D	82. A	92. D
3. C	13. A	23. C	33. B	43. C	53. D	63. D	73. A	83. D	93. A
4. A	14. D	24. B	34. C	44. D	54. B	64. B	74. A	84. B	94. A
5. B	15. C	25. C	35. D	45. A	55. B	65. D	75. B	85. B	95. B
6. C	16. C	26. B	36. B	46. B	56. A	66. D	76. C	86. A	96. C
7. C	17. D	27. D	37. C	47. C	57. C	67. B	77. A	87. A	97. D
8. B	18. C	28. B	38. B	48. A	58. B	68. A	78. C	88. D	98. A
9. B	19. A	29. B	39. D	49. C	59. C	69. C	79. C	89. C	99. D
10. D	20. D	30. A	40. A	50. A	60. B	70. B	80. C	90. D	100. C

www.keralapscblog.com