

14/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Among the following, the work of Sree Narayana Guru is :
(A) Gitanjaly (B) Daivadasakam
(C) Jathikkummi (D) Odakkuzhal
2. Ayyankali formed the 'Sadhujana Paripalana Sangam' in the year :
(A) 1905 (B) 1906
(C) 1907 (D) 1908
3. 'Treatment of Thiyyas in Travancore' is a work by :
(A) Sree Narayana Guru (B) K. Kelappan
(C) T.K. Madhavan (D) Dr. Palpu
4. The famous drama 'Adukkalayil Ninnun Arangathekku', is written by :
(A) V.T. Bhattathirippadu (B) Mannathu Padmanabhan
(C) Pandit Karuppan (D) C. Kesavan
5. Poikayil Yohannan is also known as :
(A) Vagbhatanandha (B) Karunakara Guru
(C) Kumara Guru (D) Ayya Vaikundar
6. The Southern most ranges of the Himalayas is :
(A) The Himadri (B) The Himachal
(C) The Siwalik (D) The Zasker
7. Which among the following state is the leading producer of Rubber in India?
(A) Assam (B) Bihar
(C) Karnataka (D) Kerala
8. The longest among the Peninsular rivers is :
(A) Mahanadi (B) Godavari
(C) Krishna (D) Kaveri

D

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[P.T.O.]

9. Find out a developing country from the following :
- (A) India (B) Canada
(C) Australia (D) New Zealand
10. One of the following is an activity belongs to primary sector. Find it out :
- (A) construction (B) banking
(C) real estate (D) fishing
11. Expand the terms GDP associated with an economy :
- (A) Gross Domestic Product (B) Govt. Direct Product
(C) Grass Development Project (D) General Development Policy
12. Jallianwalla Bagh massacre occurred when a large crowd had gathered to protest against an act issued by the British Govt. What was that controversial Act?
- (A) Stamp Act (B) Rowlatt Act
(C) Govt. of India Act (D) Sugar Act
13. The Partition of Bengal was in the year :
- (A) 1903 (B) 1904
(C) 1905 (D) 1906
14. Who among the following was a member of the Cabinet Mission?
- (A) Mr. Clement Attlee (B) Dr. B.R.Ambedkar
(C) Dr. Rajendra Prasad (D) Mr. A.V. Alexander
15. The sole representative of Congress Party to the Second Round Table Conference was :
- (A) Gandhiji (B) Jawaharlal Nehru
(C) Sardar Patel (D) Subhash Chandra Bose
16. Which among the following is an East flowing river in Kerala?
- (A) Periyar (B) Mancheswaram river
(C) Karamanayar (D) Kabani
17. The largest backwaters of Kerala is :
- (A) Vembanad Lake (B) Sastham Kotta Lake
(C) Ashtamudi Lake (D) Vellayani Lake

18. Groundnut and cotton are cultivated in a district of Kerala. Find it out from the following :
- (A) Kottayam (B) Palakkad
(C) Idukki (D) Alappuzha
19. Kuttiadi Hydroelectric project is in the district :
- (A) Ernakulam (B) Kannur
(C) Kozhikkode (D) Idukki
20. The real name of Chattampi Swamikal is :
- (A) Raman Pilla (B) Kunjan Pilla
(C) Raghavan Pilla (D) Kesavan Pilla
21. Cell wall is made up of :
- (A) starch (B) glucose
(C) maltose (D) cellulose
22. Normal level of calcium in human blood is :
- (A) 6-8 mg in 100 ml (B) 10-12 mg in 100 ml
(C) 80-120 mg in 100 ml (D) 70-110 mg in 100 ml
23. Dalton's atomic theory is based on the principles of :
- (A) Avogadro's Law (B) Boyles Law
(C) Law of reciprocal proportions (D) Law of multiple proportion
24. At the boiling point, the surface tension of a liquid is :
- (A) infinite
(B) zero
(C) same as that at any other temperature
(D) increase slightly, then decrease
25. Which of the following organelle contains its own genetic material?
- (A) Mitochondria (B) Golgi apparatus
(C) Lysosomes (D) Endoplasmic reticulum

26. Stainless steel is an alloy of iron with :
- (A) Nickel and Chromium (B) Nickel and Copper
(C) Chromium and Copper (D) Zinc and Chromium
27. A solution turns red litmus blue. The pH of the solution is likely to :
- (A) 2 (B) 4
(C) 5 (D) 10
28. The SI unit of power of a lens is :
- (A) Diopetre (B) Ampere
(C) Watt (D) Joule
29. Which of the following is a plant hormone that can inhibits plant growth?
- (A) Auxin (B) Cytokinins
(C) 3-4-D (D) Abscisic acid
30. In a myopic eye the image of a distant object is formed :
- (A) at the retina (B) infront of the retina
(C) behind the retina (D) behind the lens
31. Which of the following is an instrument to detect the presence of current in a circuit?
- (A) galvano meter (B) ammeter
(C) volt meter (D) rheostat
32. The black sea has a blackish tinge because it contains a lot of :
- (A) Black algae (B) Ferrous sulphate
(C) Hydrogen sulphide (D) Copper and Arsenic
33. A change of state of matter directly from solid to gas without changing into liquid or vice versa is called :
- (A) Evaporation (B) Inter conversion
(C) Sedimentation (D) Sublimation
34. Cells were first discovered by :
- (A) Leeuwen Hock (B) Robert Hooke
(C) Robert Brown (D) Schleiden

35. The girth of the stem or root increases due to :
- (A) Apical Meristem (B) Intercalary Meristem
(C) Cambium (D) Vascular bundle
36. Which of the following elements are liquids at room temperature?
- (A) mercury and iodine (B) mercury and bromine
(C) mercury and cesium (D) mercury and gallium
37. The scientific name of paddy is :
- (A) Mimosa pudica (B) Perna indica
(C) Oryza sativa (D) Cocos nucifera
38. A generator converts mechanical energy into electrical energy. It works on the basis of :
- (A) magnetism (B) electrolysis
(C) electro magnetic induction (D) hydro electric induction
39. The hormones of fight or flight are :
- (A) adrenaline and nor adrenaline (B) aldosterone and cortisol
(C) oestrogen and testo sterone (D) adrenaline and cortisol
40. The right and left cerebral hemispheres are connected by a tract of nerve fibres called :
- (A) cranial meninges (B) corpora quadrigemina
(C) corpus callosum (D) cranial nerves
41. Vatsaka is the synonym of :
- (A) Vatsanabhi (B) Kutaja
(C) Guduchi (D) Vasa
42. Diuretics means :
- (A) Drug which decrease the flow of urine
(B) Drug which increase the flow of urine
(C) Drug which contracts the uterus
(D) Drug which prevent conception

43. Which of the following is Chakshushya?
- (A) Asoka (B) Bala
(C) Yastimadhu (D) Punarnava
44. Matra of Srita kashaya according to Sargadhara Samhitha :
- (A) Two Pala (B) One Pala
(C) Half Pala (D) As required
45. The drug which is to be used always fresh :
- (A) Shathavari (B) Guduchi
(C) Pippali (D) Both (A) and (B)
46. Metric equivalent of Gunja :
- (A) 100 mg (B) 125 mg
(C) 60 mg (D) None of the above
47. The ratio of Kalka, Sneha and Drava in Snehapaka Samanya vidhi :
- (A) 1 : 4 : 16 (B) 4 : 1 : 16
(C) 1 : 4 : 8 (D) 1 : 6 : 8
48. Which is not an ingredient of Amruthotharam kashayam?
- (A) Guduchi (B) Shunti
(C) Abhaya (D) None of the above
49. Vyoshadi Kashaya is indicated in :
- (A) Kasa (B) Svasam
(C) Both (A) and (B) (D) Pandu
50. Intake of fish along with milk is :
- (A) Samskaravirudha (B) Veerya virudha
(C) Aacharavirudha (D) Kala virudha
51. Oushadha kala for Urdhvajathru vikaras :
- (A) Prabhatham (B) Samudgam
(C) Nishi (D) Muhurmuhu

52. Shelf life of Avaleha :
- (A) Two months (B) Six months
(C) Twelve months (D) Sixteen months
53. If Chandana is included in a kashaya yoga _____ is taken.
- (A) Svetha chandana (B) Rakthachandana
(C) Either (A) or (B) (D) A substitute
54. Which ritu is the best time for collection of fresh drugs, according to Sharngadhara Samhitha?
- (A) Hemanta (B) Vasanta
(C) Sarat (D) Greeshma
55. Which is an example of Pachana Dravya?
- (A) Nagakesaram (B) Chitrakam
(C) Misi (D) Both (A) and (B)
56. Which of the following dravya is grahi?
- (A) Shunti (B) Jeeraka
(C) Abhaya (D) Both (A) and (B)
57. Collection of cells having same structure and function is termed as :
- (A) Tissue (B) Organ
(C) System (D) None
58. Which of the following is not a constituent of plasma?
- (A) Water (B) Electrolytes
(C) Proteins (D) Platelets
59. Which of the following is fat soluble?
- (A) Vitamin A (B) Vitamin E
(C) Vitamin C (D) Both (A) and (B)
60. Where is bile stored?
- (A) Liver (B) Gall Bladder
(C) Stomach (D) Both (A) and (B)

61. Temperature regulatory centre is present in the :
- (A) Hypothalamus (B) Pituitary gland
(C) Medulla oblongata (D) None of the above
62. Vilepi comes under :
- (A) Sandhana Kalpana (B) Sneha Kalpana
(C) Kritanna Vargam (D) Mamsa Vargam
63. Pinaka is a variety of :
- (A) Naga (B) Parada
(C) Abhraka (D) Vaikranta
64. One Aratni is the pramana of which Puta :
- (A) Gaja Puta (B) Varaha Puta
(C) Kukkuta Puta (D) Kapota Puta
65. Which of the following is an Upadhathu?
- (A) Gandhaka (B) Shilajathu
(C) Sasyaka (D) Vahnijara
66. Which of the following is not an Upavisha?
- (A) Vatsanabhi (B) Bhallathaka
(C) Karaskara (D) Arkaksheera
67. Mriddarasringa is included under :
- (A) Sudhavarga (B) Upavisha
(C) Sadharana Rasa (D) Updhathu
68. Requirement of factory premises and hygienic conditions for ASU Drug manufacture is dealt in which schedule of D & C rules 1945 :
- (A) Schedule J (B) Schedule T
(C) Schedule A (D) 1st Schedule

69. Which of the following formulations contains Silajathu?
- (A) Tribhuvanakirti Rasa (B) Arogyavardhini Rasa
(C) Chandraprabha vati (D) Both (B) and (C)
70. Bali is the synonym of :
- (A) Gandhaka (B) Abhraka
(C) Parada (D) Hingula
71. Number of Suddha Lohas in Rasa Ratna Samuchaya :
- (A) Nine (B) Four
(C) Seven (D) Two
72. Which of the formulations contain Jayapala?
- (A) Hinguleswara Rasa (B) Siddhamakaradhvaja
(C) Icchabhedi Rasa (D) None
73. Chemical composition of Navasara :
- (A) Ammonium chloride (B) Aluminium Oxide
(C) Alum (D) Potassium Chloride
74. Arjuna Ksheera is indicated in :
- (A) Vatha vyadhi (B) Thimiram
(C) Hridayamayam (D) Arshas
75. Sugar is an ingredient in :
- (A) Asta choornam (B) Avipathi choornam
(C) Dadimastaka choornam (D) Both (B) and (C)
76. Which is not an ingredient of Dasamoolarishta?
- (A) Kasturi (B) Guduchi
(C) Chitraka (D) None of the above