## **FINAL ANSWER KEY**

**Question Paper Code:** 8/2016/OL Category Code: 189/2015 Exam: Medical Officer Marma Medium of Question: English Date of Test 12-01-2016 Alphacode Α Question1:-Who among the following is associated with the formation of KANFED? A:-K.M. Panicker B:-P.N. Panicker C:-P. Krishna Pillai D:-T.K. Madhavan Correct Answer:- Option-B Question2:-Which of the following mission laid the foundations of western education in Malabar? A:-C.M.S. Mission **B:-London Mission Society** C:-The Society of Jesus D:-Basel German Evangelical Mission Correct Answer:- Option-D Question3:-The district of Malabar was transferred to Madras Presidency from Bombay on A:-March 10 1798 B:-April 20 1799 C:-May 20 1800 D:-June 15 1803 Correct Answer:- Option-C Question4:-In which of the following incidents the famous freedom fighter A.G. Velayudhan was killed? A:-Paliyam Satyagraha B:-Guruvayur Satyagraha C:-Vaikom Satyagraha D:-Nivarthana Agitation Correct Answer:- Option-A Question5:-The Yogakshema Movement was started in the year A:-1906 B:-1907 C:-1908 D:-1910 Correct Answer:- Option-C Question6:-The first editor of the renowned journal 'Atmavidya Kahalam' A:-Vagbhadananda B:-Chattampi Swamikal C:-Vaikunta Swami D:-K. Ayyappan Correct Answer:- Option-A Question7:-The National League for Democracy is a major political party in A:-Nepal **B:-Thailand** C:-Bangladesh D:-Myanmar Correct Answer:- Option-D Question8:-The social leader, who attended the Cocanada Congress Session of 1923 to attain congress support in his fight for social justice A:-C. Krishnan B:-T.K. Madhavan C:-P. Krishna Pillai D:-K. Kelappan Correct Answer:- Option-B Question9:-Which constitutional amendment is known as 'Mini Constitution'?

A:-12 Amendment B:-20 Amendment C:-40 Amendment D:-42 Amendment Correct Answer:- Option-D Question10:-The Panchayat raj system is mentioned in the A:-9th Schedule of Indian Constitution B:-10th Schedule of Indian Constitution C:-11th Schedule of Indian Constitution D:-12th Schedule of Indian Constitution Correct Answer:- Option-C Question11:-The Article 112 of Indian Constitution deals with A:-Abolition of untouchability **B:-The Budget** C:-Abolition of child labour **D:-Formation of Panchayat** Correct Answer:- Option-B Question12:-The Nobel Prize winner in literature for the year 2015 A:-Svetlana Alexievich **B:-Patrick Modiano** C:-Malala Yousafzai D:-Jean Tirole Correct Answer:- Option-A Question13:-The National Food Security Act [NFSA] passed in the year A:-2000 B:-2009 C:-2010 D:-2013 Correct Answer:- Option-D Question14:-The first Malayalam rationalist journal 'Yukthivadi' started its publication from A:-Trivandrum **B:-Alappuzha** C:-Ernakulam D:-Kottayam Correct Answer:- Option-C Question15:-Who called Akkamma Cheriyan, 'the Jhansi Rani of Travancore'? A:-Mahatma Gandhi **B:-Jawaharlal Nehru** C:-K. Kelappan D:-Subhash Chandra Bose Correct Answer:- Option-A Question16:-Sanjay Gandhi National Park is situated in A:-Bengal **B:-Maharashtra** C:-Karnataka **D:-Utter Pradesh** Correct Answer:- Option-B Question17:-Which university honoured by giving the prefix 'Mahakavi' to Kumaran Asan? A:-Madras University **B:-Kerala University** C:-Jawaharlal Nehru University D:-Mahatma Gandhi University Correct Answer:- Option-A Ouestion18:-The Vallathol Award winner of 1994 A:-S.K. Pottakkad **B:**-Ponkunnam Varkey C:-G. Sankara Kurup D:-Vaikom Mohammed Basheer Correct Answer:- Option-B

Question19:-The World Press Freedom Day is on A:-March 5 B:-April 8 C:-May 2 D:-May 3 Correct Answer:- Option-D Question20:-'Prison Days' is a famous work written by A:-Annie Beasant B:-Subhash Chandra Bose C:-Vijayalakshmi Pandit D:-Bhagat Singh Correct Answer:- Option-C Question21:-According to Susruta the first treatment of Vranasopha is A:-Upanaha B:-Snehana C:-Vimlapana D:-Visravana Correct Answer:- Option-C Question22:-According to Susruta the number of types of Sandhimukta are A:-twelve B:-six C:-eight D:-ten Correct Answer:- Option-B Question23:-Sequestrum is a \_\_\_\_\_ bone in osteomyelitis. A:-dead **B:-degenerative** C:-live D:-none of these Correct Answer:- Option-A Question24:-Sathaponaka bhagandara is due to the predominance of A:-Vata dosha B:-Pitta dosha C:-Kapha dosha D:-Tridosha Correct Answer:- Option-A Question25:-The Varthi used after the extraction of salya from the head is A:-Thila B:-Bala C:-Pippalyadi D:-None of these Correct Answer:- Option-B Question26:-According to Susruta the nature of Nalakasthi is A:-Namyanthe **B:-Vibhidhyanthe** C:-Bhajyanthe D:-None of these Correct Answer:- Option-C Question27:-Marmasrita nadeevrana is treated with A:-Kshara sutra B:-Sastra C:-Jaluka D:-None of these Correct Answer:- Option-A Question28:-One among the following is Tridoshaja A:-Sambukavarta B:-Unmargi C:-Sathaponaka D:-Ushtragreeva

Correct Answer:- Option-A Question29:-According to Susruta the number of types of Sadyovranas are A:-five B:-six C:-eight D:-nine Correct Answer:- Option-B Question30:-According to Susruta the number of types of Marmas based on the structure are A:-five B:-six C:-eight D:-four Correct Answer:- Option-A Question31:-According to Susruta the maximum amount of blood that can be removed in Siravedha is A:-Chathushpalam B:-Prastham C:-Ardhapalam D:-None of these Correct Answer:- Option-B Question32:-According to Susruta, Sastrakarmas are how many in number? A:-Thirteen B:-Six C:-Eight D:-Ten Correct Answer:- Option-C Question33:-Pradhana Yantra is A:-Kakamukha B:-Kankamukha C:-Simhamukha D:-Vyakhramukha Correct Answer:- Option-B Question34:-Pramana of siravedha in mamsapradesa is A:-Vrihi matra B:-Kalaya matra C:-Masura matra D:-Yava matra Correct Answer:- Option-D Question35:-One among the following is not the function of Kshara A:-Chedya B:-Vedhya C:-Bhedya D:-Lekhya Correct Answer:- Option-B Question36:-According to Susruta the number of types of alepa are A:-three B:-seven C:-ten D:-eight Correct Answer:- Option-A Question37:-According to Susruta the number of types of bandages are A:-fifteen **B:-fourteen** C:-ten D:-seven Correct Answer:- Option-B Question38:-According to Susruta the specification of Dhara for Bhedana is A:-Kaisiki B:-Ardhakaisiki C:-Masuravat

D:-Ardhamasuravat Correct Answer:- Option-C Question 39:-According to Susruta the number of Nadiyantras are A:-twenty B:-twenty six C:-twenty five D:-twenty eight Correct Answer:- Option-A Question40:-The Cheena bandha is applied in A:-Lalata B:-Apanga C:-Uras D:-None of these Correct Answer:- Option-B Question41:-According to Susruta the number of Dahana visesa are A:-four B:-eight C:-three D:-seven Correct Answer:- Option-A Question42:-Which among the following is used for agnikarma? A:-Mandalagra B:-Karthari C:-Jambavoshta D:-Kuthari Correct Answer:- Option-C Question43:-Agnikarma prevents raktasrava by A:-Dilatation of arterial ends **B:-Contraction of arterial ends** C:-Burning of tissues D:-None of these Correct Answer:- Option-B Question44:-Khatva bandha is advised for A:-Sankha B:-Ganda C:-Hanu D:-All of these Correct Answer:- Option-D Question45:-Which one among the following is used for Raktamokshana in deep seated blood? A:-Sringa B:-Jaluka C:-Alabu D:-Siravyadha Correct Answer:- Option-B Question46:-According to Charaka the number of types of Vrana updravas are A:-ten **B:-sixteen** C:-four D:-fifteen Correct Answer:- Option-B Question47:-Arsoyantra is a type of A:-Talayantra **B:-Salakayantra** C:-Nadiyantra D:-Swasthikayantra Correct Answer:- Option-C Question48:-According to Susruta which of the following types of bandhana is done in siras A:-Gadha bandha B:-Sama bandha

C:-Sithila bandha D:-None of these Correct Answer:- Option-A Question49:-According to Susruta the number of types of Salya gati are A:-five B:-four C:-two D:-eight Correct Answer:- Option-A Question50:-The description of practical training of surgery is available in which adhyaya of susruta samhita? A:-Yogyasutriyam B:-Visikhanupravesaniyam C:-Vranithopasaniyam D:-Ashtavidhasastrakarmiyam Correct Answer:- Option-A Question51:-Sanigraha and anigraha are the types of yantra. A:-Sandamsa B:-Nadi C:-Tala D:-Upa Correct Answer:- Option-A Question52:-According to Susruta the number of Yantra doshas are A:-Ten B:-Eight C:-Twelve D:-Six Correct Answer:- Option-C Question53:-According to Susruta, Salyatantra is considered supreme among the Ashtangas due to A:-Asukriya B:-Use of yantra, sastra, kshara and agni C:-Sarva tantra samanyat D:-All of these Correct Answer:- Option-D Question54:-Which one of the following is used for Salyaharana? A:-Yantra **B:-Sastra** C:-Jaluka D:-Kshara Correct Answer:- Option-A Question55:-Dushya of vidradhi is A:-Mamsa B:-Meda C:-Twak D:-All of these Correct Answer:- Option-D Question56:-Which among the following is the longest yantra? A:-Sandamsa yantra B:-Swasthika yantra C:-Tala yantra D:-Salaka yantra Correct Answer:- Option-B Question57:-All are functions of yantra except A:-Visravana **B:-Vivarana** C:-Vyuhana D:-Vikarshana Correct Answer:- Option-A Question58:-According to Susruta, Ayaskantha is included in \_\_\_\_\_\_ yantra. A:-Swasthika

**B:-Sandamsa** C:-Upa D:-Nadi Correct Answer:- Option-C Question59:-The type of bandage used in Bhagna is A:-Gada B:-Sama C:-Sithila D:-None of these Correct Answer:- Option-B Question60:-A fall on the outstretched hand with a supination force leads to A:-Colle's fracture **B:-Smith's fracture** C:-Both (1) and (2) D:-None of the above Correct Answer:- Option-A Question61:-Which one among the following is a Sadyapranahara marma? A:-Gulpha B:-Krikatika C:-Guda D:-Bruhati Correct Answer:- Option-C Question62:-The measurement of hole of Sringa for Achushana is A:-Sidharthaka **B:-Masura** C:-Kalaya D:-Thila Correct Answer:- Option-A Question63:-Vetasapatra Sastra is used for A:-Bhedana **B:-Vyadhana** C:-Aharana D:-Eshana Correct Answer:- Option-B Question64:-The Sastra used for Anulomana karma is A:-Mandalagra B:-Eshani C:-Suchi D:-Kurcha Correct Answer:- Option-B \_\_\_\_\_ is a Visalyaghna Marma. Question65:-\_\_\_ A:-Sthanamoola B:-Sthapani C:-Sthanarohita D:-Sringataka Correct Answer:- Option-B Question66:- is used to sharpen the blade of instruments. A:-Pashanasila B:-Salmali Phalakam C:-Slakshnasila mashavarna D:-None of these Correct Answer:- Option-C Question67:-Foreign bodies which are visible should be pulled out by A:-Kankamukha yantra B:-Simhamukha yantra C:-Sami yantra D:-None of these Correct Answer:- Option-B Question68:-Nakha is considered as

A:-Anusastra **B:-Upayantra** C:-Sandamsa yantra D:-Both (1) and (2) Correct Answer:- Option-D Question69:-Sastrakarma used in Unmargi vrana is A:-Eshana B:-Visravana C:-Seevana D:-None of these Correct Answer:- Option-A Question70:-During Seevana, what will be the consequence of punctures being very near the Vranoshta? A:-Ruja **B:-Avalunchana** C:-Kotha D:-None of these Correct Answer:- Option-B Question71:-Which of the following is the Benign tumor of bones? A:-Osteosarcoma **B:-Ewing's tumor** C:-Giant cell tumor D:-None of these Correct Answer:- Option-D Question72:-Severe pain, delayed healing and cheloid formation is due to A:-Sira-snayu chedana B:-Mamsa chedana C:-Kandara chedana D:-None of these Correct Answer:- Option-D Question73:-Which of the following surgical procedure is done for fissure in ano? A:-Sphincterotomy **B:-Mayo's operation** C:-Haemorrhoidectomy D:-None of these Correct Answer:- Option-A Question74:-Which of the following is true in case of undukapuccha sotha? A:-Fever, vomiting and pain at once B:-Pain first, vomiting second and fever last C:-Fever last, vomiting second and pain last D:-Vomiting first, fever second and pain last Correct Answer:- Option-B Question75:-The extraction of Salya from same route from which it entered is A:-Anuloma method **B:-Pratiloma method** C:-Tiryak method D:-None of these Correct Answer:- Option-B Question76:-Saturday night palsy is related to A:-Radial nerve B:-Median nerve C:-Ulnar nerve D:-Axillary nerve Correct Answer:- Option-A Question77:-The treatment of Karkasa, Sthira, Prithu and Katina arsas is A:-Bheshaja **B:-Agnikarma** C:-Kshara D:-Sastra Correct Answer:- Option-B

Question78:-Kuttana Sastra karma is described by A:-Charaka B:-Susruta C:-Vaghata D:-Bhavamisra Correct Answer:- Option-C Question79:-Krukenburg tumor is related with A:-Uterus B:-Breast C:-Ovary D:-Prostate Correct Answer:- Option-C Question80:-Treatment of Atidagdha is the same as that of A:-Kapha visarpa B:-Pitta visarpa C:-Vata visarpa D:-Vata-Kapha visarpa Correct Answer:- Option-B Question81:-The cause of detah in indravasthi marmaghata is A:-Cardiac arrest B:-Haemorrhage C:-Nerve injury D:-None of these Correct Answer:- Option-B Question82:-Cold water should not be used in A:-Durdagdha **B:-Plushtadagdha** C:-Atidagdha D:-Samyagdagdha Correct Answer:- Option-B Question83:-Barium enema is used for the diagnosis of A:-Fistula in Ano **B:-Ulcerative colitis** C:-Internal piles D:-None of these Correct Answer:- Option-B Question84:-Susruta has described Shatkriya kala in the context of A:-Vrana B:-Vidradhi C:-Visarpa D:-Granthi Correct Answer:- Option-A Question85:-Hiatus hernia is A:-Inguinal hernia **B:-Femoral hernia** C:-Incisional hernia D:-Herniation of a part of stomach through diaphragm Correct Answer:- Option-D Question86:-Tennis elbow is A:-pain over the lateral epicondyle **B:-Olecranon bursitis** C:-Pain over the medial epicondyle D:-None of these Correct Answer:- Option-A Question87:-Which of the following is a raktasthambhana method as per susruta? A:-Sandhanam B:-Skandanam C:-Dahanam D:-All of these

Correct Answer:- Option-D Question88:-Which of the following is not eight in number? A:-Sastra doshas **B:-Vranopadravas** C:-Vranavasthu D:-Ksharagunas Correct Answer:- Option-B Question89:-The commonest site of fissure in Ano is A:-6 O' clock B:-12 O' clock C:-3 O' clock D:-9 O' clock Correct Answer:- Option-A Question90:-Sastra karma vyapat are A:-four B:-eight C:-sixteen D:-ten Correct Answer:- Option-A Question91:-Avasadana upakrama is required for A:-Mridu mamsa vrana B:-Sthira vrana C:-Kandu yukta vrana D:-None of these Correct Answer:- Option-D Question92:-Kaisiki is A:-Bandha B:-Sastradhara C:-Seevana D:-None of these Correct Answer:- Option-B Question93:-As per Susruta the thickness of alepa is A:-Mahishardra charma B:-Mahisha charma C:-Aswa charma D:-Go charma Correct Answer:- Option-A Question94:-Sambhara means A:-Vranithagara B:-Dhupanayoga C:-Accessories required for operation D:-Pathyahara Correct Answer:- Option-C Question95:-The normal contour of the shoulder is altered in A:-fracture of the greater tuberosity in humerus B:-Dislocation of the head of humerus C:-Fracture of scapula D:-Fracture of clavicle Correct Answer:- Option-B Question96:-According to Susruta the number of kantabhagna is A:-twelve B:-eight C:-four D:-six Correct Answer:- Option-A Question97:-Sitasophata is a characteristic feature of A:-Pachyamana sopha B:-Ama sopha C:-Pakwa sopha

D:-None of these Correct Answer:- Option-B Question98:-According to Vagbhata the length of sastra kosa is A:-12 angula B:-10 angula C:-16 angula D:-9 angula Correct Answer:- Option-A Question99:-Yantra used for the extraction of foreign body from the bone is A:-Sandamsa yantra B:-Tala yantra C:-Swastika yantra D:-Nadi yantra Correct Answer:- Option-C Question100:-The shape of incision on the hand is A:-Ardhachandra mukha B:-Trikonam C:-Chandramandala D:-None of these Correct Answer:- Option-C