REHABILITATION TECHNICIAN GRADE II(PROSTHETICS,ORTHOTICS),MEDICAL EDUCATION

ONLINE EXAM:09-05-2016

1.Coale and Hoover studies on --------

A.Indian population\*

B.Indian society

C.Indian Cinema

D.Indian culture

Ans:A

2.Reserve Bank of India was constituted on account-------------PhD thesis.

A.C.D.Deshmukh

B.G.V.Joshi

C.Mc.Donald

D.Ambedkar\*

Ans:D

3.Who authored the book Gandhian Economic Thought?

A.J.C.Kumarappa\*

B.B.R.Nanda

C.C.F.Andrews

D.Amartya Sen

Ans:A

4.Aryasidhanta chandrika was published

A.1900

B.1893\*

C.1897

D.1916

Ans:B

5.Meaning of the Spansih word,Elnino?

A.Infant Jesus\*

B.Wind

C.Cyclone

D.God

Ans:A

6.Which grama panchayat of Kerala was awarded the Nari Sakthi award?

A.Aryanadu
B.Pulamanthole

C.Angadipuram\*

D.Perumatty

Ans:C

7.Schiaparelli is an expedition mission on------

A.Moon

B.Mars\*

C.Venus

D.Saturn

Ans:B

8.Adhar bill was passed by Loksabha on-------

A.March 3rd 2016\*

B.1st March 2016

C.20th March 2015

D.3rd March 2015

Ans:A

9.Which nation hosted the T20 World Cup Cricket 2016?

A.England

B.Bangladesh

C.Australia

D.India\*

Ans:D

10.Name the author of the book History of Sanskrit in India

A.C.Grant

B.S.Poliock\*

C.M.Muller

D.Wilkins

Ans:B

11.The leader of Yachana Yatra

A.V.T.Bhattathiripadu\*

B.A.K.Gopalan

C.K.Kelappan

D.Sahodaran Ayyappan

Ans:A

12.Pandit Karuppan started-------

A.Karshaka Sangam

B.Vidyaposhini Sabha

C.Vala Samudaya Sabha\*

D.Vidyarthi Sangam

Ans:C

13.The publishing house Islamia was started

A.Vakkom Abdul Khadar Moulavi\*

B.M.Abdurahiman

C.E.Moidu Moulavi

D.Adbul Kareem

Ans:A

14.In which year Sahodara Prastanam was founded?

A.1924

B.1916

C.1927

D.1917\*

Ans:D

15.The Monsoon which brings rain in Kerala during the period October----November is------

A.South-West

B.North-West

C.North-West\*

D.South-East

Ans:C

16.The chief editor of Swadeshabhimani was------

A.K.Ramakrishnapillai\*

B.K.Damodaran

C.Vakkom Abdul Khader Moulavi
D.M.Abdurahiman

Ans:A

17.B.P.Pal,famous scientist related to--------

A.Chipko Movement

B.Green Revolution\*

C.Silver Revolution

D.DRDO

Ans:B

18.The theme of World Water Day,2016

A.Water and jobs\*

B.Waste water

C.Nature-based solutions water

D.Water and energy

Ans:A

19.Who started Free India Centre in Germany?

A.Madam Cama

B.Subhash Chandra Bose\*

C.Lala Hardayal

D.Arabindo Ghosh

Ans:B

20.Which mountain range is known as Sahyadri?

A.Eastern Ghats

B.Western Ghats\*

C.Himalaya

D.Vindya and Satpura

Ans:B

21.PTB Prosthesis is indicated in

A.Above knee amputation

B.Below knee amputation\*

C.Above elbow amputation

D.Below elbow amputation

Ans:B

22.Muenster Prosthesis

A.Below knee amputation

B.Above knee amputation

C.Above elbow amputation

D.Below elbow amputation\*

Ans:D

23.Above knee prosthesis has a

A.Oval socket

B.Hexagonal socket

C.Triangular socket

D.Quadrailateral socket\*

Ans:D

24.Craig Scott Orthosis is fitted with

A.Offset knee joint

B.Drop lock knee joint

C.Klerizack joint

D.Bail lock\*

Ans:D

25.Metatarsal bar is fitted in

A.Opponents splint

B.Knucle bender splint

C.Shoe modifications\*

D.Lumbosacral coarset

Ans:C

26.Genu recurvatum may get relief with

A.UCBL

B.Arch support

C.Crooked and elongated heel

D.Swedish knee cage\*

Ans:D

27.Solid AFo is indicated in

A.Mediolateral stability of foot

B.Severe ankle clonus\*

C.Flail foot

D.Flat foot

Ans:B

28.Othotic knee joint for Genu Recurvatum is

A.Dial lock

B.Bail lock

C.Drop lock

D.Offset joint\*

Ans:D

29.Reciprocal gail orthoses may be indicated in patient with

A.Quadriplegia

B.Paraplegia\*

C.Hemiplegia

D.Bilateral foot drop

Ans:B

30.Klenzack joint is

A.Planter flexion assist

B.Dorsi flexion assist\*

C.Hydraulic joint

D.Pneumatic joint

Ans:B

31.Chariston Bending Brace is indicated in

A.Scoliotic spine in children\*

B.Kyphotic spine in children

C.Kyphoscoliotic spine in children

D.Paralytic spine in children

Ans:A

32.MEralgia paresthetica is involvement of

A.Obturator nerve

B.Lateral cutaneous nerve of thigh\*

C.Femoral nerve

D.Lateral popliteal nerve

Ans:B

33.An example of three post collar is

A.SOMI Brace\*

B.Milwaukee Brace

C.Taylor’s Brace

D.Thomas Brace

Ans:A

34.Chairback Orthosis

A.Lumbosacral Flexion Extension Control Orthosis\*

B.Thoraclumbosacral Flexion Extension Control Orthosis

C.Lumbosacral Flexion Control Orthosis

D.Thoraclumbosacral Flexion Extension Lateral Control Orthosis

Ans:A

35.Knight Taylor’s Brace is

A.Knee Orthosis

B..Hand Orthosis

C.Spinal Orthosis\*

D.Foot Orthosis

Ans:C

36.SACH Foot is:

A.Energy storing foot

B.Modification in foot orthosis

C.Prosthetic foot with ankle joint

D.Prosthetic foot without ankle joint\*

Ans:D

37.Boston Brace is

A.Knee Orthosis

B.Under Arm Orthosis\*

C.Lumbosacral Orthosis

D.Cervical Orthosis

Ans:B

38.Minerva Orthosis

A.Encircles the forehead\*

B.Encircles the shoulders

C.Encircles the cervical region

D.Encircles the occipitoparietal area of skull

Ans:A

39.Parpodium is useful for children suffering from

A.Spina Bifida with Paraplegia\*

B.Traumatic Paraplegia

C.Traumatic Quadriplegia

D.Cerebral Palsy

Ans:A

40.Trilateral Orthosis is situated in

A.Legg-Calve-Perthese disease\*

B.Congential dislocation of hip

C.Genu Valgum following ricket

D.Genu Varum following ricket

Ans:A

41.Pavlik Harness is indicated in

A.Wrist drop

B.Foot drop

C.Anterior dislocation of shoulder

D.Congential dislocation of hip\*

Ans:D

42.The Thoracic band of Chairback Orthosis is placed

A.Over body of Sternum

B.Level of Xiphisternum

C.Level of spine of Scapula

D.Just below Scapula\*

Ans:D

43.Talipes shoe

A.Has inner straight border only\*

B.Raised inner border

C.Has both inner and outer border straight

D.Has outer straight border only

Ans:A

44.Denis Brown Splint is indicated in

A.Calcaneal Spur

B.Hallux Valgus

C.Hammer Toe

D.Talipes\*

Ans:D

45.Syme’s Prosthes is

A.A suction socket prosthesis

B.A transfemoral prosthesis

C.A hemipelvectomy prosthesis

D.A below knee prosthesis\*

Ans:D

46.Chopart’s amputation is

A.Forearm amputation

B.Translumbar amputation

C.Partial hand amputation

D.Partial foot amputation\*

Ans:D

47.Forequarter amputation is

A.Above the level of elbow joint

B.Above the level of shoulder joint\*

C.Just below the level of shoulder joint

D.Just below the level of elbow joint

Ans:B

48.Whip during stance phase is

A.Sudden abrupt rotation\*

B. Sudden locking of prosthetic foot

C.Uneven rise of hip on amputee gait

D.Abducted gait of amputee limb

Ans:A

49.Risser’s sign is to be seen while prescribing

A.Chairback Brace

B.Milwaukee Brace\*

C.SOMI Brace

D.Thomas Brace

Ans:B

50.Energy expenditure in BK amputee compared to AK Amputee is always

A.Greater

B.Lesser\*

C.Depends on length of the stump

D.Equal

Ans:B

51.Suction Socket Prothesis may be given in

A.Above elbow prosthesis

B.Below elbow prosthesis

C.Above knee prosthesis\*

D.Below knee prosthesis

Ans:C

52.Reciprocating Gait Orthosis is a

A.Hip knee guided orthosis

B.Hip guided orthosis\*

C.Hip knee ankle guided orthosis

D.Hip ankle guided orthosis

Ans:B

53.The Medial wall of Quadrilateral Socket is

A.Straight\*

B.Inclined

C.Triangular

D.Oval

Ans:A

54.Jewett Brace is

A.Flexion Control Thoracolumbosacral Orthoses\*

B.Flexion Extension Control Lumbosacral Orthoses

C.Flexion Extension Control Thoracolumbosacral Orthoses

D.Flexion Extension Lateral Control Lumbosacral Orthoses

Ans:A

55.A keyphosis is best treated by

A.Boston Brace

B.Milwaukee Brace

C.Jewett Brace\*

D.Chairback Brace

Ans:C

56.Milwaukee Brace is

A.Knee Orthosis

B.Ankle Foot Orthosis

C.Spinal Orthosis\*

D.Wrist Hand Orthosis

Ans:C

57.In Floor Reaction Orthosis,the footplate of AFO is

A.Set in Slight Planeterflexion\*

B.Set in Slight Dorsiflexion

C.Set in Slight Eversion

D.Set in Slight Inversion

Ans:A

58.Knee joint is a

A.Syndesmosis

B.Fibrous joint

C.Synovial joint\*

D.Cartilaginous joint

Ans:C

59.Toe Raising device is indicated in

A.Hallux Valgus

B.Morton’s Metatarsalgia

C.Foot Drop\*

D.Talipes Equinus

Ans:C

60.Phantom pain is observed following

A.Clostridium botulinum injection

B.Amputation\*

C.Phenol block

D.Tenotomy procedure

Ans:B

61.Translumbar Amputee needs

A.Stubbies

B.Computer processed knee joints

C.Energy storing prosthetic foot

D.Colostomy +Distal sigmoid colon for urinary diversion\*

Ans:D

62.Stubbies are indicated in

A.Bilateral Above Elbow Amputation

B.Bilateral Below Elbow Amputation

C.Bilateral Below Knee Amputation

D.Bilateral Above Knee Amputation\*

Ans:D

63.Siris Silver Ring is indicated in

A.Mallet Finger

B.Boutonniere’s deformity\*

C.Trigger Finger

D.Z deformity of Thumb

Ans:B

64.Boutonnier’s deformity may be seen in

A.Ankylosing Spondylitis

B.Psoriatic Arthritis

C.Rheumatoid Arthritis\*

D.Scleroderma

Ans:C

65.Mallet Finger is

A.Flexed MP Joint

B.Flexed PIP Joint

C.Flexed DIP Joint\*

D.Extended MP Joint

Ans:C

66.Knuckle bender splint is indicated in

A.Wrist drop deformity

B.Foot drop deformity

C.Claw hand deformity\*

D.Intrinsic plus hand deformity

Ans:C

67.Frejka Pillow is indicated in

A.Contenital dislocation of hip\*

B.Anterior dislocation of shoulder

C.Subluxated knee

D.Cervical spondylosis

Ans:A

68.In Myo-Electric Prothesis surface electrode is placed in

A.Prosthetic joint

B.Terminal device

C.Socket\*

D.Cable

Ans:C

69.Krukenberg amputation is

A.Partial foot amputation

B.Forearm amputation\*

C.Partial hand amputation

D.Transtibial amputation

Ans:B

70.The site for commonest limb amputation is

A.Above elbow

B.Below elbow

C.Below knee\*

D.Above knee

Ans:C

71.Dorrance Hook is

A.Voluntary opening hand prosthesis

B.Voluntary closing hand prosthesis\*

C.Battery operated closing hand prosthesis

D.Battery operated opening hand prosthesis

Ans:B

72.Cerebral palsy is

A.Lower motor neurone lesion

B.Upper motor neurone lesion\*

C.Acute inflammatory demyelinating polyneuropathy

D.Autoimmune disease

Ans:B

73.Poliomyelitis is

A.Acute inflammatory polyradiculopathy

B.Upper motor neurone disease

C.Lower motor neurone disease\*

D.Autoimmune disease

Ans:C

74.Angle in Scoliotic Curve is best measured by

A.Perkin’s line

B.Hilgenriener’s line

C.Cobb’s angle\*

D.Shenton’s line

Ans:C

75.Vannini-Rizzoli Stabilizing Boots has anterior strap

A.Located just above the knee

B.Located just above the ankle

C.Located just below the ankle

D.Located just below the knee\*

Ans:D

76.In Stump Bandaging,the maximum pressure is at the

A.Inner side

B.Outer side

C.Proximal end

D.Terminal end\*

Ans:D

77.Boots with raised heel is indicated in

A.Genu Varum

B.Genu Recurvatum\*

C.Genu Valgum

D.Flexion Contracture Knee

Ans:B

78.Lisfranc’s Amputation is through

A.Tarsometatarsal level\*

B.Midtarsal level

C.Calcaneal level

D.Tibial supramalleolar level

Ans:A

79.Abduction gait while walking with lower limb bracing is

A.Due to pressure in perineum\*

B.Due to too short brace

C.Due to loose fitting shoe

D.Due to quadriceps weakness

Ans:A

80.Energy storing foot

A.Is orthotic device

B.Is electric operated device

C.Is prosthetic cum orthotic device

D.Is prosthetic device\*

Ans:D

81.A large toe box is given in

A.Pes Planus

B.Pes Cavus

C.Hammer Toe\*

D.Planter Fascitis

Ans:C

82.The part of shoe absent in CTEV boot is

A.Counter

B.Heel\*

C.Throat

D.Lace stay

Ans:B

83.The Orthosis given in De-Quervain’s disease is

A.Thumb Spica Splint\*

B.Static Cockup Splint

C.Dynamic Cockup Splint

D.Wrist Hand Orthosis

Ans:A

84.Hyper extension of MCP joints and flexion of IP joints is referred as:

A.Wrist drop deformity

B.Ape thumb deformity

C.Claw hand deformity\*

D.Intrinsic plus deformity

Ans:C

85.An aeroplane splint keeps shoulder

A.Abducted\*

B.Adducted

C.Extended

D.Internally rotated

Ans:A

86.Swivel Orthosis is indicated in

A.Bilateral congenital dislocation of hip joint

B.Spina bifida with paraplegia\*

C.Residual polio with paraplegia

D.Bilateral perthes disease

Ans:B

87.An airplane splint is

A.Hip Orthosis

B.Wrist orthosis

C.Shoulder Orthosis\*

D.Elbow Orthosis

Ans:C

88.Which Spinal Brace is useful in Scoliosis?

A.Milwaukee Brace\*

B.Taylor’s Brace

C.ASH Brace

D.Lumbosacral Corset

Ans:A

89.Which Brace is given to restrict cervical spinal movement?

A.SOMI Brace\*

B.Hard Cervical Collar

C.Taylor’s Brace

D.Thomas Brace

Ans:A

90.Full Name of SACH Foot is

A.Straight Ankle Cushion Heel

B.Solid Ankle Cavus Heel

C.Straight Ankle Cavus Heel

D.Solid Ankle Cushion Heel\*
Ans:D

91.A Brace is prescribed in which stage of Polio?

A.Acute stage

B.Recovery stage

C.Residual stage

D.All of above\*

Ans:D

92.Posterior stop in AFO limits

A.Planterflexion\*

B.Dorsiflexion

C.Inversion

D.Eversion

Ans:A

93.In Legg-Calve-Perthes disease,the hip is kept in

A.Abduction with support of orthosis

B.Flexion with support of orthosis

C.Hyperabduction with support or orthosis\*

D.Extension with support of orthosis

Ans:C

94.Klenzack joint should not be used

A.In presence of flaccidity

B.In presence of prosthetic foot

C.In presence of sensory loss

D.In presence of spasticity\*

Ans:D

95.Bowderl Control Cable is seen in

A.Suction socket prosthesis

B.Below elbow prosthesis\*

C.Above elbow prosthesis

D.Muenster prosthesis

Ans:B

96.Above elbow prosthesis is fitted with

A.Single control cable

B.Dual control cable\*

C.Multi-channel control cable

D.Automatic control cable

Ans:B

97.Reciprocating Galt Orthosis provides

A.Ipsilateral hip extension and knee flexion

B.Ipsilateral hip extension and knee extension

C.Contralateral knee extension ipsilateral knee flexion

D.Contralateral hip extension and ipsilateral hip flexion\*

Ans:D

98.The stump should be bandaged for

A.6-8 weeks before prosthetic fitting\*

B.Stump bandaging is not necessary

C.2-4 weeks before prosthetic fitting

D.1-2 weeks before prosthetic fitting

Ans:A

99.Common prosthetic gait deviations in amputee are all except

A.Lateral trunk bend

B.Whips

C.Narrow walking base\*

D.Circumducted gait

Ans:C

100.Flexible below elbow hinges are best suited in

A.Very short below elbow stump

B.Short below elbow stump

C.Long below elbow stump\*

D.Kurkenberg Amputation

Ans:C