

पुस्तिका में पृष्ठों की संख्या : 24  
Number of Pages in Booklet : 24  
पुस्तिका में प्रश्नों की संख्या : 180  
No. of Questions in Booklet : 180

प्रश्न-पत्र पुस्तिका संख्या /  
Question Paper Booklet No. **5201169**

Paper Code : 06

SUBJECT : Obstetrics &  
Gynaecology

समय : 3.00 घण्टे  
Time : 3.00 Hours

**BSAPOg-02**

परीक्षा दिनांक :- 11/08/2020

परीक्षा समय :- 9:00 To 12:00

अधिकतम अंक : 180  
Maximum Marks : 180

प्रश्न-पत्र पुस्तिका एवं उत्तर पत्रक के पेपर सील/पॉलिथीन बैग को खोलने के बाद परीक्षार्थी प्रश्न-पत्र पुस्तिका संख्या को उत्तर पत्रक पर सावधानीपूर्वक अंकित करें। इसमें किसी भी प्रकार की त्रुटि होने पर जिम्मेदारी अभ्यर्थी की होगी।

The candidate fill the Question Paper Booklet No. on Answer Sheet carefully after opening the Paper Seal / Polythene bag. Candidate himself shall be responsible for any error.

### परीक्षार्थियों के लिए निर्देश

- सभी प्रश्नों के उत्तर दीजिए।
- सभी प्रश्नों के अंक समान हैं।
- प्रत्येक प्रश्न का केवल एक ही उत्तर दीजिए।
- एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जाएगा।
- प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं, जिन्हें क्रमशः 1, 2, 3, 4 अंकित किया गया है। अभ्यर्थी को सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर पत्रक पर नीले बॉल प्वाइंट पेन से गहरा करना है।
- OMR उत्तर पत्रक इस परीक्षा पुस्तिका के अन्दर रखा है। जब आपको परीक्षा पुस्तिका खोलने को कहा जाए, तो उत्तर-पत्र निकाल कर ध्यान से केवल नीले बॉल प्वाइंट पेन से विवरण भरें।
- प्रत्येक गलत उत्तर के लिए प्रश्न अंक का 1/3 भाग काटा जायेगा। गलत उत्तर से तात्पर्य अशुद्ध उत्तर अथवा किसी भी प्रश्न के एक से अधिक उत्तर से है। किसी भी प्रश्न से संबंधित गोले या बबल को खाली छोड़ना गलत उत्तर नहीं माना जायेगा।
- मोबाइल फोन अथवा इलेक्ट्रॉनिक यंत्र का परीक्षा हॉल में प्रयोग पूर्णतया वर्जित है। यदि किसी अभ्यर्थी के पास ऐसी कोई वर्जित सामग्री मिलती है तो उसके विरुद्ध आयोग द्वारा नियमानुसार कार्यवाही की जायेगी।
- कृपया अपना रोल नम्बर ओ.एम.आर. पत्रक पर सावधानीपूर्वक सही भरें। गलत अथवा अपूर्ण रोल नम्बर भरने पर 5 अंक कुल प्राप्तांकों में से काटे जा सकते हैं।

**चेतावनी:** अगर कोई अभ्यर्थी नकल करते पकड़ा जाता है या उसके पास से कोई अनधिकृत सामग्री पाई जाती है, तो उस अभ्यर्थी के विरुद्ध पुलिस में प्राथमिकी दर्ज कराते हुए विविध नियमों-प्रावधानों के तहत कार्यवाही की जाएगी। साथ ही विभाग ऐसे अभ्यर्थी को भविष्य में होने वाली विभाग की समस्त परीक्षाओं से विवर्जित कर सकता है।

### INSTRUCTIONS FOR CANDIDATES

- Answer **all** questions.
- All** questions carry equal marks.
- Only **one** answer is to be given for each question.
- If more than one answers are marked, it would be treated as wrong answer.
- Each question has four alternative responses marked serially as **1, 2, 3, 4**. You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet using **BLUE BALL POINT PEN**.
- The **OMR** Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars carefully with **blue ball point pen** only.
- 1/3 part of the mark(s) of each question will be deducted for each wrong answer.** A wrong answer means an incorrect answer or more than one answers for any question. Leaving all the relevant circles or bubbles of any question blank will not be considered as wrong answer.
- Mobile Phone or any other electronic gadget in the examination hall is strictly prohibited. A candidate found with any of such objectionable material with him/her will be strictly dealt as per rules.
- Please correctly fill your Roll Number in O.M.R. Sheet. **5 Marks** can be deducted for filling wrong or incomplete Roll Number.

**Warning:** If a candidate is found copying or if any unauthorized material is found in his/her possession, F.I.R. would be lodged against him/her in the Police Station and he/she would liable to be prosecuted. Department may also debar him/her permanently from all future examinations.

इस परीक्षा पुस्तिका को तब तक न खोलें जब तक कहा न जाए।  
Do not open this Test Booklet until you are asked to do so.

06-□



1. Nerve roots blocked in pudendal nerve block is

- (1) L<sub>1, 2, 3</sub>
- (2) L<sub>2, 3</sub>
- (3) S<sub>2, 3, 4</sub>
- (4) S<sub>4</sub>

2. After a difficult delivery involving shoulder dystocia, the paediatrician tells you the infant has suffered an injury. Which of the outcomes described below is most likely?

- (1) Mother had uterine atony
- (2) New born has had a humerus fracture
- (3) New born has a clavicular fracture
- (4) New born exhibits brachial plexus injury

3. Which of the following physiological response is typically seen in preclamptic patients?

- (1) Increased production of nitric acid
- (2) Increased sensitivity to angiotensin II
- (3) Decreased Reactivity to norepinephrine
- (4) All the above

4.

Which of the following is the most important predictor of neurological outcome of survivor after death of a cotwin?

- (1) Chorionicity
- (2) Gestational age at the time of demise
- (3) Whether malformations are present in the deceased twin
- (4) Length of time between demise of cotwin & delivery of survivor.

5.

Twin peak sign is seen in

- (1) Monochorionic diamniotic twins
- (2) Dichorionic monoamniotic twins
- (3) Conjoined twins
- (4) Diamniotic Dichronic Twins

6.

Which Haematological criteria remains unchanged in pregnancy?

- (1) Blood volume
- (2) TIBC
- (3) MCHC
- (4) Ferritin

7.

Which of the following conditions improves during pregnancy due to pregnancy induced hypervolemia?

- (1) Aortic Stenosis
- (2) Mitral Stenosis
- (3) Mitral Valve Prolapse
- (4) All the above



8. A 32 year old female with diabetes visits antenatal clinic at 6 weeks of amenorrhoea. She has not been on any treatment. What is the first step in management ?
- (1) Start insulin
  - (2) Start diet modification
  - (3) Perform HbA1c
  - (4) Perform PPBs
9. Which intravenous antihypertensive drug commonly used to treat intrapartum severe range hypertension is properly matched with its most notable side effect ?
- (1) Hydralazine – Fetal Arrhythmia
  - (2) Labetalol – Neonatal Tachycardia
  - (3) Hydralazine – Maternal Tachycardia
  - (4) Labetalol – Neonatal Rebound Hypertension
10. A 30 Year old Primipara attends counselling prior to undergoing IVF treatment, due to strong family history of venous thromboembolism in several 1° degree relatives. She has BMI of 34 and no previous major medical problems. Which blood test is most helpful in management ?
- (1) Thrombophilia Screen
  - (2) Anticardiolipin Antibodies
  - (3) Lupus Anticoagulant
  - (4) Methyl Tetrahydrofolate Reductase Genotype
11. How long does it take for a Vicryl (Polyglactin) suture to get absorbed ?
- (1) 45 – 60 Days
  - (2) 60 – 90 Days
  - (3) 90 – 120 Days
  - (4) 120 – 180 Days
12. During placement of forceps blade, What is purpose of having the right hand between fetal head and vaginal side wall ?
- (1) Protects fetal ear
  - (2) Identifies ischial spines
  - (3) Reduces maternal discomfort during placement
  - (4) Guides blade into position & protects vaginal side walls
13. What is the preferred total negative pressure generated prior to initiation of traction during vacuum extraction ?
- (1) 0.2 kg/cm<sup>2</sup>
  - (2) 0.8 kg/cm<sup>2</sup>
  - (3) 1.2 kg/cm<sup>2</sup>
  - (4) 1.6 kg/cm<sup>2</sup>
14. Which of the following is a disadvantage of uterine exteriorization of uterus for repair of uterine incision during lbc's ?
- (1) Increased blood loss
  - (2) Increased febrile morbidity
  - (3) Increased Nausea & Vomiting
  - (4) Increased postoperative infection

15. Which of the following is true regarding uterine scar exploration following successful vaginal birth after previous caesarean delivery ?
- (1) Routine scar examination is recommended.
  - (2) Chance of identifying a defect is  $<0.1\%$
  - (3) Any identified defect requires immediate exploratory laprotomy
  - (4) Need for exploratory laprotomy is determined by extent of defect and presence of active management.
16. During caesarean delivery in which of the following settings should the uterine incision be made relatively high to avoid uterine vessel laceration or unintended entry into vagina ?
- (1) Maternal Anemia
  - (2) Fetal Malpresentation
  - (3) A completely Dilated Cervix
  - (4) LSCS performed prior to onset of labour
17. A patient in early labour is sitting up for her epidural. An anesthetic test dose is given. The patient's heart rate and BP rise immediately after administration of test does. What has most likely cause for this change in vital signs ?
- (1) Test dose was given intravenously
  - (2) Patient experienced a contraction
  - (3) She is experiencing a high spinal blockade
  - (4) This is normal response to a test dose
18. Which of the below factors can influence spread of anesthesia after continuous epidural catheter placement ?
- (1) Maternal position
  - (2) Dose of anesthetic
  - (3) Location of catheter tip
  - (4) All the above
19. Modified BPS consists of
- (1) NST with AFI
  - (2) NST with fetal breathing
  - (3) NST with fetal movements
  - (4) NST with fetal tone
20. A couple has a child with down's syndrome karyotype being 21/21 translocation. The father is a balanced translocation carrier. What is the risk of recurrence of down's syndrome in subsequent pregnancies ?
- (1) 100%
  - (2) 50%
  - (3) 25%
  - (4) 0%
21. High resistance flow in uterine artery between 22 & 24 weeks gestations is correlated with
- (1) Still births
  - (2) Abruption of placenta
  - (3) Preeclampsia
  - (4) All the above



22. A 31 year old G2P1 had a 1<sup>st</sup> trimester nuchal translucency screen showing increased risk for trisomy 18 and a PAPP-A <5<sup>th</sup> percentile. She underwent CV sampling, which showed normal karyotype. What is significance of a PAPP-A < 5<sup>th</sup> percentile ?
- (1) None
  - (2) There is high likelihood of oligohydramnios
  - (3) There is increased risk of skeletal dysplasia
  - (4) There is association with preeclampsia, fetal growth restriction & fetal demise
23. What is the best way to identify Genetic abnormality in a still born fetus ?
- (1) Autopsy
  - (2) Karyotype
  - (3) Maternal cell free DNA testing
  - (4) Chromosomal microarray analysis
24. Which does not have live birth as denominator ?
- (1) Infant mortality rate
  - (2) Neonatal mortality rate
  - (3) Child mortality rate
  - (4) Child death rate
25. Which of the following may impact the apgar score ?
- (1) Prematurity
  - (2) Fetal Malformations
  - (3) Maternal Medications
  - (4) All the above
26. Under MCH programme Iron & Folic acid tablets to be given daily to mother
- (1) 60 mg Iron + 500 µgm Folic Acid
  - (2) 100 mg Iron + 500 µgm Folic Acid
  - (3) 60 mg Iron + 100 µgm Folic Acid
  - (4) 100 mg Iron + 1000 µgm Folic Acid
27. Gene type involved in PCOD is
- (1) Cyp 19
  - (2) Cyp 20
  - (3) Cyp 21
  - (4) Cyp 36
28. Best time to check levels of FSH to detect menopause transition :
- (1) Day 2 – 5 after LMP
  - (2) Day 7 – 10 after LMP
  - (3) Day 11 – 14 after LMP
  - (4) Just before menses
29. First sign of Puberty in Girls is
- (1) Breast budding
  - (2) Peak height velocity
  - (3) Menarche
  - (4) Pubic & Axillary hair growth
30. In testicular feminization syndrome gonadectomy is indicated
- (1) As soon as it is diagnosed
  - (2) At puberty
  - (3) Only when malignancy develops
  - (4) When hirsutism is evident

31. Whiff's test is positive in
- (1) Candidiasis
  - (2) Chlamydial infections
  - (3) Trichomonas Vaginitis
  - (4) HSV infection
32. In baden walker halfway system of classification of prolapse. The reference point is
- (1) Hymen
  - (2) Introitus
  - (3) Internal Os
  - (4) External Os
33. A 70 year old woman undergoes sacrospinous fixation one week ago. She was readmitted with severe right buttock and perineal pain, which is aggravated in sitting position. Which is the nerve most likely involved ?
- (1) Genitofemoral Nerve
  - (2) Ilioinguinal Nerve
  - (3) Obturator Nerve
  - (4) Pudendal Nerve
34. Baldy webster operation is done in case of
- (1) Congenital prolapse
  - (2) Retroversion of uterus
  - (3) Inversion of uterus
  - (4) Prolapse in females <40 years age
35. Among surgeries for correcting SUI, long term success rate is maximum with
- (1) Burch's Colposuspension
  - (2) Stamey's Repair
  - (3) Kelly's Stitch
  - (4) Aldridge surgery
36. Absent fructose in seminal fluid suggests
- (1) congenital absence of seminal vesicle
  - (2) ejaculatory duct obstruction
  - (3) None
  - (4) Both
37. Which is not an assisted reproduction technique ?
- (1) Gift
  - (2) Zift
  - (3) IVF & ET
  - (4) Artificial Insemination
38. Ulipristal Acetate is
- (1) G<sub>A</sub>RH Antagonist
  - (2) Androgen Antagonist
  - (3) Selective estrogen receptor modulator
  - (4) Selective progesterone receptor modulator
39. Which nerve or nerve plexus provides sensory innervation of the cervix ?
- (1) Pudendal nerve
  - (2) Superior Hypogastric nerve plexus
  - (3) Pelvic Splanchnic nerve plexus
  - (4) Sacral Splanchnic nerve



40. When choriocarcinoma metastasises it has a propensity for which type of spread ?
- (1) Direct invasion
  - (2) Hematogenous
  - (3) Lymphatic
  - (4) Surface Implantation
41. Which of the following is true about swyer syndrome ?
- (1) Can be fertile with surrogacy
  - (2) Can be fertile with ovum donation
  - (3) Presents with primary infertility
  - (4) Gonadectomy is indicated for all patients
42. A 20 year old short statured female comes to OPD with H/o prim amenorrhoea. She has webbing of neck normal external & internal genitalia. Breast & pubic hair development absent. Diagnosis of turner's syndrome is made. However, consultant wants to rule out 'Y' chromosome on genetic phenotyping. Why ?
- (1) It is a routine
  - (2) Those with Y chromosome are at risk of germ cell malignancy.
  - (3) Diagnosis can be confirmed only if Y chromosome is absent.
  - (4) Those with Y chromosome should be reared as males
43. A 62 years old women presents with postmenopausal bleeding. Biopsy shows grade 2 endometroid cancer at fundus of uterus. She has uncontrolled DM & HT. What is the most appropriate next step ?
- (1) Perform MRI Scan
  - (2) Perform TAH + BSO
  - (3) Perform TAH + BSO + Pelvic & Para aortic lymph node dissection
  - (4) Surgery followed by RT
44. A lady presented with CA endometrium involving >50% of myometrium extending to vagina & positive peritoneal cytology, But no involvement of para aortic lymph nodes. What is staging of disease ?
- (1) III A
  - (2) III B
  - (3) III C<sub>1</sub>
  - (4) III C<sub>2</sub>
45. A 30 Year old female undergoes Pap's smear. Her report shows a typical squamous cells of unknown significance. What is the next best step in management ?
- (1) Repeat Pap smear in 6 months
  - (2) Repeat Pap smear in 2 years
  - (3) Perform colposcopy
  - (4) Do HPV-DNA testing

46. HPV Triage strategy, includes all except
- (1) Conventional Pap smear
  - (2) Liquid based cytology
  - (3) Hybrid capture 2 for HPV DNA
  - (4) Colposcopy
47. A lady undergoes radical hysterectomy for stage Ib CA Cervix. It was found that cancer extends to lower part of body of uterus & upper part of cervix. Next step of management is
- (1) Chemotherapy
  - (2) Radiotherapy
  - (3) Chemoradiation
  - (4) Follow up
48. Which of the following media is used only in operative hysteroscopy ?
- (1) CO<sub>2</sub>
  - (2) 0.9% saline
  - (3) Ringer Lactate
  - (4) Mannitol 5%
49. After undergoing abdominal hysterectomy, in the postoperative period, patient develops weakness of hip flexion and adduction. And is unable to extend the knee. The knee jerk is lost & there is altered sensation over medial aspect of thigh & calf. Which nerve is most likely damaged ?
- (1) Femoral nerve
  - (2) Obturator nerve
  - (3) Pudendal nerve
  - (4) Genitofemoral nerve
50. In examination of a victim of sexual assault, toluidine blue dye test is done to identify
- (1) recent micro injuries
  - (2) healed micro injuries
  - (3) dried seminal stains
  - (4) clotted blood
51. Which of the following is used in rape victims to determine rupture of hymen and whether rupture is recent or old ?
- (1) Glaister keene rods
  - (2) Gaba rods
  - (3) Gram rod
  - (4) Cylinder rod
52. An 89 years old woman attends urogynaec OPD. She is V-frail for her symptoms of increased frequency of urination, Urgency, urge incontinence. Which should be the most appropriate first line therapy ?
- (1) Duloxetine
  - (2) Mirabegron
  - (3) Oxybutynin
  - (4) Tolterodine
53. Hymen tear in virgin is most commonly located at
- (1) 4 – 8 o'clock
  - (2) 5 – 11 o'clock
  - (3) 9 – 12 o'clock
  - (4) 1 – 6 o'clock



54. A 16 years old female presents with primary amenorrhoea with B/L inguinal hernia. She has normal sexual development with no pubic hair. USG shows no uterus & ovaries and blind vagina. Diagnosis is
- (1) Turner's syndrome
  - (2) Mullerian Agenesis
  - (3) Star syndrome
  - (4) Androgen insensitivity syndrome
55. A 25 year old woman underwent induced clomiphene ovulation on USG, ovary showed 8 follicles serum oestradiol levels 808 pg/ml. What is the next step?
- (1) Retrieve follicles
  - (2) Give Cabergoline
  - (3) Cancel Cycle
  - (4) Withhold HCG
56. Which of the following is not 'std'?
- (1) Trichomoniasis
  - (2) Bacterial Vaginosis
  - (3) Gonorrhoea
  - (4) Candida infection
57. The number of live births per 1000 women in the reproductive age group in a year refers to
- (1) Total fertility rate
  - (2) Gross reproduction rate
  - (3) Net reproduction rate
  - (4) General fertility rate
58. Demographers are of the view that the demographic goal of  $NRR = 1$ , can be achieved only if the couple protection rate exceeds
- (1) 40%
  - (2) 50%
  - (3) 60%
  - (4) 70%
59. Which of the following includes mortality rate in it?
- (1) TFR
  - (2) GFR
  - (3) NRR
  - (4) GRR
60. Which of the following year in the history of demography of India is known as the year of big divide?
- (1) 1881
  - (2) 1921
  - (3) 1947
  - (4) 1978
61. Unmet need for contraception in a 35 year old female is for
- (1) spacing birth
  - (2) limiting birth
  - (3) improve maternal health
  - (4) improve family health



62. The most common side effect of IUCD insertion is
- (1) Bleeding
  - (2) Pain
  - (3) Pelvic Infection
  - (4) Ectopic Pregnancy
63. Ideal time to perform post partum sterilization. As per government of India guidelines is
- (1) from 12 hrs to 7 days of delivery
  - (2) from 24 hrs to 7 days of delivery
  - (3) from 48 hrs to 7 days of delivery
  - (4) within 7 days of delivery
64. All are Socio-demographic goals of national population policy except
- (1) achieve 100% institutional deliveries.
  - (2) reduce MMR < 100 per Lac live births
  - (3) achieve 100% registration of births, deaths, marriages & pregnancies
  - (4) prevent & control communicable diseases
65. A 32 years old P2L2 Lady comes five days after unprotected sexual intercourse. What will be your advice for contraception ?
- (1) Levonorgestrel 0.75 mg.
  - (2) Copper IUD.
  - (3) Two tablets of high dose OCP, repeated after 24 hrs.
  - (4) Laproscopic tubectomy
66. All of the following are features of post-tubal ligation syndrome except
- (1) Abnormal menstrual bleeding
  - (2) Dysmenorrhoea
  - (3) Pelvic pain
  - (4) Dyspareunia
67. True about implanon
- (1) Releases > 76mg/day of Drug
  - (2) Prevents STD
  - (3) Life span is 3 years
  - (4) Contains LNG
68. Which of the following is not a noncontraceptive use of levonorgestrel IUCD ?
- (1) Endometriosis
  - (2) Premenstrual tension
  - (3) Complex Endometrial Hyperplasia
  - (4) Emergency Contraception
69. Yuzpee & Lance regimen must be administered within maximum
- (1) 3 Hours
  - (2) 12 Hours
  - (3) 24 Hours
  - (4) 72 Hours
70. Ideal contraceptive for a couple who are living separately in two cities & meet only occasionally :
- (1) Barrier Methods
  - (2) OCP's
  - (3) IUCD
  - (4) Inj. DMPA



71. Ideal contraceptive for lactating women
- (1) POP
  - (2) IUCD
  - (3) Barrier methods
  - (4) Lactational Amenorrhoea
72. The medical termination of pregnancy (Amendment) Bill 2020 was passed by Lok-sabha on
- (1) March 17, 2020
  - (2) Feb. 17, 2020
  - (3) Jan. 29, 2020
  - (4) March 2, 2020
73. The number displayed on Karman's Canula corresponds to
- (1) Diameter of Canula in mm.
  - (2) Diameter of Canula in cm.
  - (3) Surface Area of Canula
  - (4) Length of Canula
74. MVA can be used to terminate pregnancy maximally
- (1) upto 12 wks.
  - (2) upto 9 wks.
  - (3) upto 10 wks.
  - (4) upto 8 wks.
75. Sterilization of MVA instruments can be done by
- (1) 2% glutaraldehyde for 10 hrs.
  - (2) 2% glutaraldehyde for 20 minutes
  - (3) Boiling water for 20 minutes
  - (4) None of the above
76. For MTP consent should be obtained from
- (1) male partner
  - (2) male as well as the female partner
  - (3) female partner
  - (4) Consent is not required
77. Which of the following instrument most commonly causes uterine perforation ?
- (1) Curette
  - (2) Hegar dilator
  - (3) Sponge holding forceps
  - (4) Suction Canula
78. What is risk of uterine rupture with medial termination of second trimester pregnancy in setting of one prior caesarian delivery ?
- (1) 0.2%
  - (2) 0.4%
  - (3) 0.6%
  - (4) 0.8%
79. Which route of administration of misoprostol is least effective for cervical priming before dilation & curettage ?
- (1) Oral
  - (2) Vaginal
  - (3) Sublingual
  - (4) All are equivalent

80. Ru 486 is effective for inducing abortion if duration of pregnancy is
- (1) 63 Days
  - (2) 72 Days
  - (3) 88 Days
  - (4) 120 Days
81. Most life threatening complication of septic abortion is
- (1) Peritonitis
  - (2) Renal Failure
  - (3) Respiratory distress syndrome
  - (4) Septicemia
82. Under CAC services, for MTP/CAC certificate, the trainee doctor must undergo the following :
- (1) Observe 10 MTP/CAC cases
  - (2) Assist 10 MTP/CAC cases
  - (3) Perform 5 MTP/CAC cases independently (Under Supervision)
  - (4) All the above
83. Pratigya Campaign is about
- (1) Women Education
  - (2) Ensuring Access to safe abortion care
  - (3) Child Education
  - (4) None of the above
84. With extra amniotic 0.1% ethacridine lactate use induction abortion interval varies from
- (1) 6 – 12 Hrs
  - (2) 12 – 48 Hrs
  - (3) 4 – 6 Hrs
  - (4) More than 48 Hrs
85. Mifepristone and misoprostol are currently licensed for induction of abortion upto
- (1) 9 weeks gestation
  - (2) 10 weeks gestation
  - (3) 12 weeks gestation
  - (4) 8 weeks gestation
86. Form III of MTP deals with
- (1) Patient details
  - (2) Monthly statement sent by institute to director of health services
  - (3) Register of all MTP's to be kept in hospital for 5 years
  - (4) None of the above
87. A 45 years old nullipara comes to gynaec clinic. She is a carrier for BRCA / Mutation. She wishes to discuss surgery to reduce cancer risk. What is her cumulative risk of developing ovarian type cancer by 70 years age ?
- (1) 10%
  - (2) 25%
  - (3) 40%
  - (4) 55%

88. The WHO classification of ovulation disorders describes 3 classes. Which one of the following is characteristically associated with low FSH and low oestrogen (WHO class) ?
- (1) Hyperprolactinemia
  - (2) Ovarian failure
  - (3) Ovarian Endometriosis
  - (4) Weight loss
89. Prior to a frozen embryo transfer a woman takes a course of oestradiol valerate to induce endometrial proliferation. What endometrial thickness as seen on ultrasound, should have been achieved for embryo transfer to proceed ?
- (1) 1 mm
  - (2) 3 mm
  - (3) 4 mm
  - (4) 5 mm
90. A 31 year old presents to emergency OPD 3 days after an oocyte retrieval procedure. Patient is c/o of abdominal pain, vomiting, dizziness and shortness of breath. What would you want the emergency attendant to do while waiting for you to arrive ?
- (1) Attach a pulse oximeter and ECG, administer analgesic and antiemetic.
  - (2) Administer 2-3 litres of fluid
  - (3) Arrange chest X-ray and ECG.
  - (4) Arrange urgent abdominal and chest ultrasound
91. A woman was found to be 10 weeks pregnant when she attended her colposcopy appointment for high grade dyskaryosis. The colposcopy suspected CINI. What is the further line of management ?
- (1) Repeat colposcopy at six weeks postpartum.
  - (2) Repeat colposcopy at 12 weeks postpartum.
  - (3) Repeat colposcopy at 20 weeks gestation.
  - (4) Repeat colposcopy at term
92. What is the most common type of ovarian cancer diagnosed in pregnancy ?
- (1) Epithelial tumor
  - (2) Germ cell tumor
  - (3) Sex cord stromal tumor
  - (4) Low malignant potential tumor
93. Which of the following drug used in SARS-Covid infection has shown to result in fetal ocular abnormalities in animal trials ?
- (1) Remdesivir
  - (2) Dexamethasone
  - (3) Hydroxychloroquine
  - (4) None of the above
94. In a woman with known or suspected COVID-19 preferred tecolytic agent is
- (1) Indomethacin
  - (2) Nifedipene
  - (3) Isoduprine
  - (4) None of the above



95. ELAGOLIX, the new USFDA approved drug is
- (1) Aromatase inhibitor
  - (2) NSAID
  - (3) Oral GnRH antagonist
  - (4) None of the above
96. A 32 year old nulliparous woman presents with a complete miscarriage. This is now her third consecutive early pregnancy loss. Which investigation should be carried out ?
- (1) Cervical length estimation
  - (2) Chlamydia test
  - (3) Cytogenetic analysis of products of conception
  - (4) Parental chromosome test.
97. Atosiban for tacholysis is used in an initial bolus dose of
- (1) 6.75 mg IV
  - (2) 3.75 mg IV
  - (3) 3.75 mg IM
  - (4) None of the above
98. You are asked to see a 40 years old woman referred by the urologist because of an incidental finding of a simple right ovarian cyst measuring 43 × 47 mm on pelvic ultrasound. She has no gynac complaints. What is your management plan ?
- (1) CA - 125 assay
  - (2) CT - Scan
  - (3) Gynac review in 3 months
  - (4) No follow up
99. HAART is now routine in management of HIV positive women in pregnancy and is very effective in reducing MTCT of HIV. What is the incidence of transmission reduced to
- (1) 0.1 - 0.5%
  - (2) 1 - 2%
  - (3) 3 - 5%
  - (4) 6 - 8%
100. A 41 years old primigravida is 14 weeks pregnant. She had IVF and has a dechorionic diamniotic twin pregnancy. She has a chronic kidney disease and is attending ANC for her 1<sup>st</sup> medical appointment. Which one of her risk factors is the strongest predisposition for preeclampsia ?
- (1) age > 40 years
  - (2) chronic kidney disease
  - (3) IVF pregnancy
  - (4) Multiple pregnancy
101. Compared to unfractionated heparin which of the following statements, about LMWH is most accurate ?
- (1) LMWH binds more effectively to antithrombin III and enhances the inhibition of coagulation of factor IX a.
  - (2) LMWH binds more strongly to endothelial cells and platelets.
  - (3) LMWH has a higher bioavailability at lower dose when administered SC.
  - (4) LMWH has a similar effect on bones and can induce osteoporosis.

102. 'SEPPA FILM' used in surgery to prevent adhesion formation is made of
- (1) Oxidized regenerated cellulose
  - (2) Poly tetrafluoroethylene
  - (3) Sodium Hyaluronate & carboxymethyl Cellulose
  - (4) None of the above
103. In Laproscopic Surgery, 'Harmonic Device' can seal vessels upto
- (1) 7 mm diameter
  - (2) 5 mm diameter
  - (3) 6 mm diameter
  - (4) None of the above
104. 'Liver Dullness Disappears' when pneumoperitoneum is created during laproscopic surgery using CO<sub>2</sub> Insufflation. Amount of CO<sub>2</sub> which brings about disappearance of liver dullness is
- (1) 2 Litres
  - (2) 1 Litres
  - (3) 1.5 Litres
  - (4) 2.5 Litres
105. As per RCOG guidelines, Hysteroscopic directed biopsies from suspected lesions falls under
- (1) Level 1 Hysteroscopy
  - (2) Level 2 Hysteroscopy
  - (3) Level 3 Hysteroscopy
  - (4) None of the above
106. The second surgeon in operating room in robotic surgeries is for
- (1) Assisting the primary surgeon at console
  - (2) To operate as a stand by
  - (3) To assist in exchanging the instruments on robotic arms
  - (4) All the above
107. Concordant malignant test is termed used to indicate malignancy these days in
- (1) Cancer Breast
  - (2) Cancer Cervix
  - (3) Cancer Endometrium
  - (4) None of the above
108. 'PDS' suture is used for suturing
- (1) Uterine Tissue
  - (2) Episiotomy
  - (3) Skin & Rectus Sheath
  - (4) All the above
109. Barbed suture is used in
- (1) Laproscopic Hysterectomy
  - (2) Laproscopic Myomectomy
  - (3) Open Myomectomies
  - (4) All the above
110. 'Solifenacin' is used in treatment of
- (1) Urge incontinence
  - (2) Urinary Tract infections
  - (3) Tocolysis
  - (4) None of the above

111. In the Quadrivalent vaccine for human papilloma virus (6, 11, 16, 18) protection offered for

- (1) Cervical Cancer
- (2) Genital Warts
- (3) Both Cervical Cancer & genital warts
- (4) None of the above

112. Which of the following is the goal of an ex-utero intrapartum treatment (EXIT) procedure ?

- (1) Excision of a fetal tumor
- (2) Minimize maternal blood loss
- (3) Establishment of a fetal airway
- (4) Repair of a fetal myelomeningocele

113. Which complication is least likely to occur with laser therapy for twin-twin transfusion syndrome ?

- (1) Vascular Laceration
- (2) Placental Abruption
- (3) GR III Intraventricular Haemorrhage
- (4) PPROM

114. Which fetal malformation is least likely to benefit from prenatal magnetic resonance imaging ?

- (1) Teratoma
- (2) Cardiac anomaly
- (3) Neural tube defect
- (4) Suspected bowel obstruction

115. Which term describes whether or not a dominant gene is phenotypically expressed ?

- (1) Expressivity
- (2) Codominance
- (3) Penetrance
- (4) Heterogeneity

116. Benefit of Vibroacoustic stimulation is

- (1) Increases predictability of nonstress test
- (2) It makes a nonstress test feasible in preterm infant
- (3) Shortens time necessary to perform NST
- (4) None of above

117. Illegal abortion of a woman with her consent is punishable under

- (1) Sec 310 IPC
- (2) Sec 312 IPC
- (3) Sec 313 IPC
- (4) Sec 314 IPC

118. IPD records of patients are preserved for how many years ?

- (1) 1 year
- (2) 3 years
- (3) 5 years
- (4) 7 years



119. Blanket consent is taken

- (1) when the patient comes to doctor for treatment
- (2) oral consent
- (3) written consent
- (4) taken at time of admission to do any surgery

120. Which of the following are the new advances in communication in health care ?

- (1) Tele medicine
- (2) Mobile health
- (3) Big Data
- (4) All the above

121. Professional death in medical profession is

- (1) Death of a Doctor
- (2) Death sentence ordered by judge
- (3) Death during police firing
- (4) Removal of name of doctor from panel of RMP

122. Under safe motherhood programme, ANC intervention Guidelines, how many quality anc check ups are required ?

- (1) Three
- (2) Four
- (3) Five
- (4) None of the above

123. Under 'PMSMA' the day fixed every month for providing high quality ANC care is

- (1) 9<sup>th</sup> of every month
- (2) 1<sup>st</sup> of every month
- (3) 10<sup>th</sup> of every month
- (4) None of the above

124. Rajshree yojana was implemented from

- (1) June, 2015
- (2) June, 2016
- (3) Dec., 2015
- (4) June, 2017

125. Beneficiaries under 'Intensified Iron plus initiative' are

- (1) Pregnant & Lactating women
- (2) Adolescent Girls (10 – 19 years)
- (3) Adolescent Boys (10 – 19 years)
- (4) All the above

126. Social review of maternal deaths a new initiative is done by ASHA at village level within

- (1) One month of death
- (2) One week of death
- (3) Three months of death
- (4) None of the above



127. Peripheral most unit for planning of family planning & other services under RCH programme is

- (1) Sub centre
- (2) Block / taluka
- (3) PHC
- (4) District

128. Screening test used in antenatal mothers under, RCH-II is

- (1) Haemoglobin level
- (2) RH determination
- (3) TSH
- (4) Urine Analysis

129. ASHA is recruited under

- (1) NRHM
- (2) National Urban Health Mission
- (3) ICDS
- (4) Village Health System

130. All are true about Janani Shishu Suraksha Karyakram Except

- (1) Free diet to mother during hospital stay
- (2) Free delivery
- (3) Free Transport
- (4) Free Treatment of sick infants upto 1 year

131. RTI Act was passed in

- (1) 2004
- (2) 2005
- (3) 2000
- (4) 2007

132. 'Dakshta' programme launched in June, 2015, addresses

- (1) Availability of essential supplies
- (2) Training & Handholding for skill enhancement
- (3) Mentoring & Data Collection
- (4) All the above

133. Online JSY payment by OJAS started from

- (1) 1<sup>st</sup> Aug. 2015
- (2) 1<sup>st</sup> Aug. 2016
- (3) 1<sup>st</sup> Aug. 2017
- (4) None of the above

134. WHO funds which programme in India ?

- (1) RNTLP
- (2) National Leprosy Eradication Programme
- (3) Janani Suraksha Yojna
- (4) National Old Age Pension Plan

135. Laboratory report of diseases sent as 'L-form' in IDSP is

- (1) Syndromic diagnosis
- (2) Presumptive diagnosis
- (3) Confirmed diagnosis
- (4) Active Surveillance

136. In a subcenter Population, CBR (Crude Birth Rate) is 20. What is minimum expected number of pregnancies registered with ANM ?

- (1) 110
- (2) 120
- (3) 55
- (4) 100

137. Very low birth weight is less than

- (1) < 1000 gm
- (2) < 1500 gm
- (3) 2000 gm
- (4) < 2500 gm

138. Key targets of high level expert group (HLEG) on universal health coverage are

- (1) 2 beds per 1000 population by 2022.
- (2) 1 Doctor per 1000 population by 2027
- (3) Both (1) & (2)
- (4) Neither (1) nor (2)

139. Under 'LaQSHYA' for promoting respectful maternity care all the following are promoted except

- (1) Letting mother choose birthing position
- (2) Early cord clamping
- (3) Early initiation of breast feeding
- (4) avoiding induction and augmentation of labour.

140. Income generated within a country is known as

- (1) GDP
- (2) NNP
- (3) NDP
- (4) PPP

141. Kishori Shakti Yojna is under which programme of the government ?

- (1) ICDS
- (2) Anemia Mukht Bharat
- (3) Ayushman Bharat Programme
- (4) None of the above

142. Which initiative of the Govt. of India provides financial assistance to patients that are below national poverty line and are suffering from life threatening diseases ?

- (1) PMSSY
- (2) Rashtriya Arogya Nidhi
- (3) Rashtriya Swasthya Bima Yojna
- (4) None of the above





143. Which Govt. of India policy addresses health needs of poor slum dwellers through PPP & health insurance ?

- (1) NUHM
- (2) NRHM
- (3) Ayushman Bharat
- (4) None of the above

144. Which is not a component of level II facility under BEmONC ?

- (1) MVA facility
- (2) Newborn resuscitation
- (3) Blood transfusion
- (4) Vacuum Assisted delivery

145. 'Survive, Thrive & Transform' are the goals of which strategy ?

- (1) IMNCI
- (2) RMNCH +A
- (3) Global Strategy for women's, children's & adolescent's health 2016-2030.
- (4) None of the above

146. Under NRHM, NORM is to have

- (1) 2 Asha workers per 1000 population.
- (2) 3 Asha workers per 1000 population.
- (3) 1 Asha workers per 1000 population.
- (4) None of the above

147. Which of the following is not true about NBSU (New born stabilization unit) ?

- (1) Location is at CHC's.
- (2) Location is at District Hospitals.
- (3) Sick and New born & low birth weight babies can be cared for short periods.
- (4) Facility should be within or near maternity ward

148. Mission Indradhanush was launched in India on

- (1) 25<sup>th</sup> December 2015
- (2) 25<sup>th</sup> December 2014
- (3) 1<sup>st</sup> Jan. 2014
- (4) None of the above

149. Open vial policy, 2015 is applicable for vaccines

- (1) OPV
- (2) DPT
- (3) Hepatitis B
- (4) All the above

150. Link worker scheme are in which national health programme ?

- (1) RNTCP
- (2) NACP
- (3) NLEP
- (4) ICDS

151. National health policy is based on

- (1) Primary Health Care
- (2) Tertiary Health Care
- (3) Child Care
- (4) Mother Care

152. Yellow Plastic Bags containing biomedical waste are treated by
- (1) Autoclaving
  - (2) Incineration
  - (3) Microwaving
  - (4) Shredding
153. Waste disposal of placenta after delivery is done by
- (1) Disposing in blue bag
  - (2) Autoclaving
  - (3) Incineration
  - (4) None of the above
154. Body fluids & fetuses are classified under which category of wastes ?
- (1) Infections
  - (2) Pathological
  - (3) Genotoxic
  - (4) Humanized
155. Following blood transfusion, blood bags are disposed which color coded bin ?
- (1) Red
  - (2) Yellow
  - (3) Blue
  - (4) White
156. Median is important for all except
- (1) Blood pressure
  - (2) Survival time
  - (3) Incubation Period
  - (4) Health expenses
157. Best statistical data diagram to depict incidence change over a period of time is
- (1) Pie chart
  - (2) Histogram
  - (3) Scatter Diagram
  - (4) Line Diagram
158. Correlation between height & weight is best depicted by
- (1) Histogram
  - (2) Line Chart
  - (3) Scatter Diagram
  - (4) Ogive
159. Which can have more than one value ?
- (1) Mean
  - (2) Mode
  - (3) Median
  - (4) Any of above
160. Blood spills in Indian Hospitals are disinfected by
- (1) Quaternary ammonium
  - (2) Chlorine based
  - (3) Phenol based
  - (4) Alcohol based
161. Cytotoxic drugs disposal mechanism in India is
- (1) Incineration
  - (2) Microwaving
  - (3) Autoclaving
  - (4) Dry Heat

162. Vaginal Epithelium is derived from
- (1) Endoderm of Urogenital Sinus
  - (2) Mesoderm of Urogenital Sinus
  - (3) Endoderm of genital ridge
  - (4) Mesoderm of genital ridge

163. Which of the following arteries comes off the posterior division of internal iliac artery ?
- (1) Uterine artery
  - (2) Obturator artery
  - (3) Superior Vesical artery
  - (4) Superior Gluteal artery

164. Posterior vaginal wall is primarily supplied by
- (1) Uterine Artery
  - (2) Hypogastric Artery
  - (3) Middle Rectal Artery
  - (4) Internal Pudendal Artery

165. Remnant of Mesonephric Tissue is
- (1) Urachus
  - (2) Bartholin Cyst
  - (3) Gartner Duct Cyst
  - (4) Urethral Diverticulum

166. Which Hormone acts locally to prevent formation of uterus, fallopian tubes & upper vagina ?
- (1) Testosterone
  - (2) Androstenedione
  - (3) Dihydrotestosterone
  - (4) Antimullerian Hormone

167. 'Peg Cells' are seen in
- (1) Vagina
  - (2) Vulva
  - (3) Ovary
  - (4) Fallopian Tube

168. Which of the following is not a consequence of vascular changes in women during pregnancy ?
- (1) Angiomas
  - (2) Palmar Erythema
  - (3) Melasma Gravidarum
  - (4) Dissipate excess heat generated by increased metabolism.

169. Which of the hepatic enzymes is increased in normal pregnancy ?
- (1) Alkaline Phosphatase
  - (2) Alanine Transaminase
  - (3) Aspartate Transaminase
  - (4)  $\gamma$  - Glutamyl Transpeptidase

170. In what phase of cell division are oocytes arrested between birth & ovulation ?
- (1) Prophase I
  - (2) Anaphase I
  - (3) Metaphase I
  - (4) Telophase I

171. Cytogenetic Karyotype is performed on chromosomes arrested in what phase of replication ?
- (1) Prophase
  - (2) Anaphase
  - (3) Metaphase
  - (4) Telophase



172. Approximately what percentage of the total haemoglobin is hemoglobin F in term fetus. ?
- (1) 25%
  - (2) 40%
  - (3) 50%
  - (4) 75%
173. Where does Biosynthesis of Surfactant take place ?
- (1) Type I Pneumocytes
  - (2) Type II Pneumocytes
  - (3) Type III Pneumocytes
  - (4) Type IV Pneumocytes
174. At term how much amniotic fluid do fetuses swallow ?
- (1) 50 – 100 ml per day
  - (2) 100 – 200 ml per day
  - (3) 200 – 760 ml per day
  - (4) 1500 – 2000 ml per day
175. Which Immunoglobulin in colostrum provides mucosal protection against enteric infections ?
- (1) Ig A
  - (2) Ig E
  - (3) Ig G
  - (4) Ig M
176. Intermediate cell predominance on A Vaginal cytology is seen in
- (1) Pregnancy
  - (2) Menstruation
  - (3) Post Ovulatory
  - (4) Premenstrual
177. In which mechanism of placental delivery does the placenta leave the body before the retroplacental haematoma ?
- (1) Bandl Mechanism
  - (2) Duncan Mechanism
  - (3) Schultze Mechanism
  - (4) Chadwick Mechanism
178. Critical obstetric conjugate for trial of labour is
- (1) 8.5 cms
  - (2) 9.0 cms
  - (3) 9.5 cms
  - (4) 10.0 cms
179. What is single most reliable sign of fetal compromise ?
- (1) Decelerations
  - (2) Fetal Tachycardia
  - (3) Change in Baseline
  - (4) Reduced Variability
180. Which of the following statements are true concerning new uterine contraction terminology ?
- (1) Hyper stimulation has been abandoned.
  - (2) Tachy systole is defined as >5 contractions in 10 minutes averaged over 30 minutes
  - (3) Normal uterine activity is defined as  $\leq$  contractions in 10 minutes averaged over a 30 minutes period.
  - (4) All of the above

रफ कार्य के लिए स्थान / SPACE FOR ROUGH WORK

