

AUB

PROVISIONAL ANSWER KEY (CBRT)

Name of the post	Assistant Prof., Obstetrics and Gynaecology, GSS, Class-1 (Special Recruitment)
Advertisement No.	82/2020-21
Preliminary Test held on	13-07-2021
Question No.	001 - 200 (Concern Subject)
Publish Date	14-07-2021
Last Date to Send Suggestion(s)	21-07-2021
THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 15-07-2021; 12:00 PM ONWARDS	

Instructions / સૂચન

Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) All the suggestion should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical submission of suggestions will not be considered.
- (2) Question wise suggestion to be submitted in the prescribed format (proforma) published on the website / online objection submission system.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website / online objection submission system. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted suggestions are differed.
- (6) Objection for each question should be made on separate sheet. Objection for more than one question in single sheet shall not be considered.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો ફક્ત ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ અથવા ટપાલ દ્વારા આયોગની કચેરીએ મોકલવા આવેલ વાંધા-સૂચનો ધ્યાને લેવામા આવશે નહીં જેની ખાસ નોંધ લેવી.
- (2) ઉમેદવારે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ / ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ પર પ્રસિધ્ધ થયેલ નિયત નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ કરતા તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચનો ધ્યાનમા લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચનો પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

Website link for online objection submission system : http://150.129.165.5/GPSC_Suggestion/

001. Haemodilution in pregnancy is responsible for all the following, except: -
 (A) Physiological anaemia
 (B) Supine hypotension
 (C) Protection against blood loss in labour
 (D) Optimal gaseous exchange between maternal and foetal circulation
002. The most common pregnancy-related risk associated with a bicornuate uterus is: -
 (A) Antepartum bleeding (B) Recurrent first-trimester miscarriage
 (C) Cervical insufficiency (D) Preterm labour and delivery
003. A 16-year-old G1 delivers an infant with a complex congenital heart defect. The death of the new born at 5 days of life due to the congenital heart defect would be counted in which of the following rates?
 (A) Infant mortality rate (B) Perinatal mortality rate
 (C) Early neonatal death rate (D) All of the above
004. Which artery is frequently encountered when a Pfannenstiel skin incision is performed during a caesarean delivery?
 (A) Hypogastric artery (B) Inferior epigastric artery
 (C) Superficial epigastric artery (D) Superficial circumflex iliac artery
005. Congenital malformation can be attributed to maternal infection with?
 (A) Poliomyelitis (B) Toxoplasmosis
 (C) Measles (D) Parvovirus
006. Which of the following refers to the blue tint of the cervix that is due to increased cervical vascularity in pregnancy?
 (A) Hegar sign (B) Goodell sign
 (C) Chadwick sign (D) All of the above
007. Which of the following causes myometrial relaxation?
 (A) PGF₂ (B) PGI₂
 (C) PGE₂ (D) Thromboxane A₂
008. A 22-year-old primigravida presents in active labour at 5 cm and -2 station. Which of the following is true?
 (A) The foetal head is engaged.
 (B) The biparietal diameter has reached the level of the midpelvis.
 (C) The biparietal diameter has crossed the level of the pelvic inlet.
 (D) None of the above
009. Which of the following functions does the placenta not perform for the foetus?
 (A) Renal (B) Hepatic
 (C) Adrenal (D) Pulmonary
010. Among placental peptide hormones, which has shown a correlation with birthweight?
 (A) Leptin (B) Activin
 (C) Inhibin (D) Neuropeptide Y
011. Which of the following can bring about myometrial contractions?
 (A) Extracellular magnesium (B) Actin-tubulin protein pairs
 (C) G-protein-coupled receptors (D) Decorin subunits

012. For the preterm neonate, delayed cord clamping has several benefits. These include all the below EXCEPT: -
- (A) higher red cell volume
 - (B) decreased need for blood transfusion
 - (C) lower rates of intraventricular hemorrhage
 - (D) Higher necrotizing enterocolitis
013. What percentage of foetuses are breech at term?
- (A) 1%
 - (B) 2%
 - (C) 3%
 - (D) 6%
014. Which of the following hepatic enzymes is increased in normal pregnancy?
- (A) Alkaline phosphatase
 - (B) Alanine transaminase
 - (C) Aspartate transaminase
 - (D) γ -Glutamyl transpeptidase
015. An 18-year-old woman with no contraception has intercourse mid-cycle. If pregnancy ensues, when is β -hCG detectable in her bloodstream?
- (A) 7 days after a missed period
 - (B) 14 days following ovulation
 - (C) 7–9 days following luteinizing hormone surge
 - (D) None of the above
016. When evaluating a pregnant woman for rupture of membranes, which of the following has been associated with a false-positive nitrazine test result?
- (A) Blood
 - (B) Semen
 - (C) Bacterial vaginosis
 - (D) All of the above
017. The least common malpresentation is?
- (A) Breech
 - (B) Brow
 - (C) Transverse lie
 - (D) Face
018. A true knot in the umbilical cord is associated with which of the following?
- (A) Stillbirth
 - (B) Polyhydramnios
 - (C) Monoanionic twin gestation
 - (D) All of the above
019. A 21-year-old G1 at 36 weeks' gestation presents for her clinic visit and is noted to have a blood pressure of 148/88 mm Hg. A repeat blood pressure 30 minutes later is 146/92 mm Hg. Her blood pressures throughout pregnancy have been below 140/90 mm Hg. She denies any complaints, and urinalysis is negative for proteinuria. What is the most likely diagnosis?
- (A) Delta hypertension
 - (B) Chronic hypertension
 - (C) Preeclampsia syndrome
 - (D) Gestational hypertension
020. Caesarean section is indicated in following condition?
- (A) Mitral stenosis
 - (B) Aortic aneurysm
 - (C) Transposition of great vessels
 - (D) Patent ductus arteriosus
021. When do β -hCG levels peak in pregnancy?
- (A) 40–50 days after last menstrual period
 - (B) 70–80 days after last menstrual period
 - (C) 100–110 days after last menstrual period
 - (D) 120–140 days after last menstrual period

022. Placentomegaly may be seen with?
 (A) Severe maternal anaemia (B) Foetal Hydrops
 (C) Syphilis (D) All of the above
023. What is the primary source of amniotic fluid in the late second trimester?
 (A) Fetal urine production (B) Fetal pulmonary exudates
 (C) Secretions from syncytiotrophoblast (D) Transudate across the amnion mesenchyme
024. The fetal heart rate showing a sinusoidal pattern may be associated with which of the following conditions?
 (A) Alloimmunization (B) Intracranial haemorrhage
 (C) Meperidine administration (D) All of the above
025. Why is middle cerebral artery peak systolic velocity increased in fetal anemia?
 (A) Decreased blood viscosity (B) Decreased fetal cardiac output
 (C) Fetal pulmonary vasoconstriction (D) Increased maternal uterine artery resistance
026. Your patient, a 34-year-old nullipara, is undergoing oxytocin induction of labour, and her cervix is dilated 6 to 7 cm. Her fetus has a cephalic presentation. She has been having six contractions per 10 minutes for the past 45 minutes. What term correctly describes this contraction pattern?
 (A) Normal (B) Hyper systole
 (C) Tachysystole (D) Hyperstimulation
027. Diamniotic monochorionic twins develop if cleavage of zygote takes place at what after fertilization
 (A) < 72 hours (B) Day 4 to day 7
 (C) Day 8 to day 12 (D) After day 13
028. Which nerve is primarily involved with the pain associated with perineal stretching?
 (A) Ischial nerve (B) Pudendal nerve
 (C) Hypogastric nerve (D) Frankenhäuser ganglion
029. Following is "NOT TRUE" about Intra Hepatic Cholestasis of Pregnancy: -
 (A) It is commonest cause of jaundice in pregnancy in India
 (B) Typically presents in third trimester with pruritus
 (C) Ursodeoxycholic acid is drug of choice
 (D) Risk of recurrence is 50-60 %
030. What amount of fetal erythrocytes is required to sensitize a D-negative woman?
 (A) 10 mL (B) 0.1 mL
 (C) 1.0 mL (D) 0.01 MI
031. Which of the following is the most important test to confirm diagnosis of DVT (Deep Vein Thrombosis)?
 (A) Venography
 (B) D-dimer
 (C) Lower extremity compression venous Doppler ultrasound
 (D) MRI of the lower extremity
032. The standard 300 µg dose of anti-D immune globulin covers what volume of fetal haemorrhage?
 (A) 10 mL of fetal whole blood (B) 30 mL of fetal whole blood
 (C) 10 mL of fetal red blood cells (D) 30 mL of fetal red blood cells

033. All which of the following are true regarding the “stargazer” breech fetus, EXCEPT?
- (A) The fetal head is hyperextended.
 (B) Instrumental delivery is indicated for the delivery.
 (C) Cesarean delivery is the safest delivery route.
 (D) The cervical spinal cord can be injured during vaginal delivery
034. A 41-year-old G3P2 presents at 12 weeks’ gestation for a first-trimester sonographic evaluation. The nuchal translucency is noted to be increased at 4.6 mm. She subsequently undergoes chorionic villus sampling, and the fetal karyotype is 46, XY. Her fetus still needs to be evaluated in the second trimester for which of the following: -
- (A) Aneuploidy (B) Cardiovascular defects
 (C) Duodenal atresia (D) Cleft lip and palate
035. When polyhydramnios is suspected, at least one maximum vertical pocket of liquor while measuring AFI should be
- (A) 6 cm (B) 8 cm
 (C) 10 cm (D) 12 cm
036. A 36-year-old multiparous patient is undergoing a contraction stress test (CST). The nurse in the testing centre calls and tells you the CST intermittent late decelerations every 4th contraction. How would this CST be interpreted?
- (A) Positive CST (B) Negative CST
 (C) Equivocal-suspicious CST (D) None of the above
037. Middle cerebral artery Doppler is useful in which of the following scenarios?
- (A) Fetal intrauterine growth restriction
 (B) Calculation of CPR (Cerebroplacental ratio)
 (C) Pregnancies complicated by alloimmunization
 (D) All of the above
038. Following muscle is not cut in mediolateral episiotomy
- (A) Bulbospongiosus (B) Ischiocavernosus
 (C) Superficial transverse perineal muscle (D) Deep transverse perineal muscle
039. The prenatal diagnostic screening modality for Down syndrome that will give the highest sensitivity is: -
- (A) NT at 11 weeks.
 (B) Combined screening (NT, PAPPA and free β -hCG) at 12 weeks.
 (C) Maternal serum triple screen (MSAFP, estriol, β -hCG) at 17 weeks.
 (D) Sequential screening with combined screening in first-trimester and quad screening in the second.
040. Within what duration should a neonate of Hepatitis B positive woman should receive Inj HBIG?
- (A) 1 hours (B) 12 hours
 (C) 24 hours (D) 72 hours
041. A 22-year-old woman presents for elective termination of pregnancy at 7 weeks’ gestation. After counselling she is prescribed mifepristone and misoprostol to complete outpatient medical abortion. She completes the dose of mifepristone in the office, but then calls back stating she has decided not to proceed with termination of pregnancy. You inform her of the risks of mifepristone exposure in pregnancy which include which of the following?
- (A) 28% risk of preterm birth (B) <5% risk of fetal malformations
 (C) 10–46% risk of pregnancy loss (D) None of the above

042. The children of patients with systemic lupus erythematosus may have increase rates of which of the following complications?
- (A) Neonatal lupus (B) Learning disorders
(C) Congenital heart block (D) All of the above
043. What is the discriminatory β -hCG level above which failure to visualize an intrauterine pregnancy likely indicates that a pregnancy either is not alive or is ectopically located?
- (A) ≥ 100 mIU/mL (B) ≥ 500 mIU/mL
(C) ≥ 1000 mIU/mL (D) ≥ 1500 mIU/mL
044. The clotting factor which is not increased in pregnancy?
- (A) Factor II (B) Factor VII
(C) Factor X (D) Factor XI
045. The causes of oligohydramnios include all of the following EXCEPT:-
- (A) Bilateral renal agenesis (B) Placental insufficiency
(C) Postterm pregnancy (D) Esophageal atresia
046. Which of the following is true regarding sex determination of the fetus?
- (A) The presence of only one X-chromosome is adequate for normal ovarian formation
(B) Dihydrotestosterone (DHT) stimulates the development of the Wolffian system in the male.
(C) Sex determining region is located on the short arm of the Y-chromosome
(D) Testosterone inhibits the development of the Mullerian system in the fetus.
047. During the first pelvic grip if the sinciput is at a lower level than the occiput, it implies that the head is: -
- (A) Engaged (B) Deflexed or extended
(C) Fixed (D) Free
048. In a contraction stress test, if the contractions are less than 3 in 10 minutes, it is described as: -
- (A) Negative (B) Positive
(C) Equivocal (D) Unsatisfactory
049. The components of the biophysical profile include all the following EXCEPT: -
- (A) Fetal breathing (B) Fetal movements
(C) Fetal measurements (D) Fetal heart rate accelerations
050. Factors causing deficient internal rotation include all EXCEPT: -
- (A) Deficient flexion of the head (B) Deficient pelvic floor
(C) Lack of uterine contractions (D) Premature rupture of membranes
051. Most of the episiotomies are a planned perineal tear of the following degree: -
- (A) First (B) Second
(C) Third (D) Fourth
052. Variable deceleration occurs due to: -
- (A) Fetal head compression (B) Umbilical cord compression
(C) Fetal hypoxia (D) Congenital heart block

053. What is the most common cause of thrombocytopenia in pregnancy?
 (A) Severe preeclampsia (B) Consumptive coagulopathy
 (C) Gestational thrombocytopenia (D) Immune thrombocytopenic purpura
054. What is the “most likely commonest” cause for the increased incidence of respiratory distress syndrome in the neonates of diabetic mothers?
 (A) Indicated preterm delivery
 (B) Delayed maturation of type II pneumocytes
 (C) Decreased production of surfactant in a hyperglycaemic environment
 (D) Deranged metabolic control
055. The following vitamin is not found in human milk: -
 (A) A (B) D
 (C) E (D) K
056. Adequate response to Methotrexate in ectopic pregnancy is indicated by a fall in β -hCG level between day 4 and day 7: -
 (A) 5% (B) 15%
 (C) 25% (D) 35%
057. The maximum dose of labetalol per day in severe pre-eclampsia is: -
 (A) 1 gm (B) 2.4 gm
 (C) 1.5 gm (D) 3 gm
058. The following is true about hypothyroidism in pregnancy EXCEPT:
 (A) S. TSH should be monitored regularly.
 (B) S.TSH to be maintained below 2.5 U/ml in first trimester
 (C) S. TSH should be maintained below 3 U /ml in 2nd and third trimester
 (D) Post-partum the dosage of thyroxine should be increased
059. A young woman presents for pre-conceptual counselling because of her history of seizure disorder. She currently takes phenytoin and phenobarbital, and her last seizure was 1 year ago. What should she be told about her medication use and imminent attempt at conception?
 (A) Increased clearances during pregnancy may lower her seizure control.
 (B) She should change to valproate to reduce the risk of fetal teratogenicity.
 (C) No change in her medication regimen is indicated if her seizure disorder is stable.
 (D) Since she has been seizure free for 1 year, she should withdraw from all medication use
060. The most common type of abruption is: -
 (A) Concealed (B) Revealed
 (C) Mixed (D) Grade III
061. The pH of the vaginal fluid that is suggestive of amniotic fluid leakage is around
 (A) 4.3 (B) 5.3
 (C) 6.3 (D) 7.3
062. Which of the following statements regarding cytomegalovirus (CMV) is true?
 (A) Pregnancy increases the severity of maternal CMV infection.
 (B) No universal screening recommended in pregnancy.
 (C) Most women who contract CMV will have symptoms that will alert the provider.
 (D) Once a woman has been infected with CMV, she is immune and will never become ill again from CMV.

063. Which of the following statements regarding intrapartum management of HIV is true?
- (A) If cesarean delivery is planned, it should be scheduled at 36 weeks' gestation.
 - (B) Cesarean delivery is recommended for women with a viral load > 1000 copies/mL.
 - (C) In labor, with a plan for vaginal delivery, amniotomy should be performed as soon as possible to hasten delivery.
 - (D) In labor, internal monitors should be placed because fetuses of HIV-infected women are at increased risk for distress
064. Surakshit Matritva Aashwasan (SUMAN)Yojana 2020 has been launched by the ministry of Union Health and Family Welfare, GOI. Services Guaranteed under SUMAN are as below EXCEPT: -
- (A) Integrates Existing Initiatives (JSSK, PMSMA, LaQshya, FRUs, etc.)
 - (B) 100% Maternal Death Reporting and Reviews
 - (C) Hospital based cash incentive for neonate care
 - (D) Client Feedback Mechanism
065. MTP (AMENDMENT)ACT 2021 In section 3 of the principal Act, for sub-section (2), the following sub-sections shall be substituted, namely: — Every State Government or Union territory, as the case may be, shall, by notification in the Official Gazette, constitute a Board to be called a Medical Board for the purposes of this Act to exercise such powers and functions as may be prescribed by rules made under this Act. The Medical Board shall consist all of the below EXCEPT:
- (A) a Gynaecologist
 - (B) a Medical Superintendent / Dean/Director / Principal of the Hospital
 - (C) a Paediatrician
 - (D) a Radiologist or Sonologist
066. Criteria for diagnosis of peripartum cardiomyopathy includes all the below EXCEPT: -
- (A) Development of cardiac failure in the last month of pregnancy or within 1 months of delivery
 - (B) Absence of an identifiable cause for the cardiac failure
 - (C) Absence of recognizable heart disease before the last month of pregnancy
 - (D) Echocardiographic of ejection fraction more than 45%
067. Which of the following statement for cerebroplacental ratio (CPR) is INCORRECT: -
- (A) Calculated as follows: Umbilical artery pulsatility index (UA-PI) / MCA-PI (Middle cerebral artery PI)
 - (B) CPR of < 5th percentile for gestational age was considered abnormal.
 - (C) Categorized into abnormal CPR (< 1)
 - (D) Normal CPR (≥ 1).
068. Which of the statement related to Hepcidin in iron metabolism is INCORRECT?
- (A) Hepcidin inhibits iron transport by binding to the iron export channel.
 - (B) Daily oral iron therapy decreases hepcidin and helps in iron absorption.
 - (C) Hepcidin synthesis and secretion by the liver is controlled by iron stores
 - (D) Vitamin D has been shown to decrease hepcidin

069. Current FOGSI Position Statement on Covid Vaccination for Pregnant & Breastfeeding Women is: -
- (A) All available vaccines are contraindicated.
 - (B) This protection should extend to pregnant and lactating women.
 - (C) The protection shall be reserved for third trimester only
 - (D) The protection can be considered for live vaccines only.
070. As per FOGSI & ICMR current guidelines for management of SARS-Covid19 Positive Pregnant women, these are the quick SOFA scores to transfer Covid19 positive ANC mother to ICU except: -
- (A) SpO₂ < 92%
 - (B) Tachypnoea > 30/Min with > 50%lung involvement
 - (C) Glasgow conscious score < 15
 - (D) NLR (Neutrophil to lymphocyte ratio) < 4
071. Pregnant woman presents at 30 weeks and 5 days' gestation admitted with threatened preterm delivery. Which of the following interventions would not be considered based on the clinical presentation?
- (A) Tocolysis
 - (B) Corticosteroids
 - (C) Magnesium sulphate
 - (D) Expectant management
072. Which of the following placental hormones may play a role in preterm birth caused by maternal-fetal stress?
- (A) Estrogen
 - (B) Human placental lactogen
 - (C) Insulin-like growth hormone
 - (D) Corticotropin-releasing hormone
073. Comparing induction of labor at 41 weeks' gestation versus Prolonging pregnancies with foetal testing, research supports which of the following statements?
- (A) Induction increases the rate of cesarean delivery.
 - (B) Induction increases the rate of postpartum hemorrhage.
 - (C) Induction increases the rate of anaesthesia complications.
 - (D) Induction decreases the rate of meconium aspiration syndrome.
074. Maternal risks of Post term pregnancy include all except which of the following?
- (A) Preeclampsia
 - (B) Perineal lacerations
 - (C) Postpartum haemorrhage
 - (D) Morbidly adherent placenta
075. How is symmetrical versus asymmetrical growth restriction differentiated?
- (A) Symmetrically growth restricted foetuses were proportionately small.
 - (B) The abdominal circumference to head circumference ratio is used to differentiate between the two.
 - (C) Asymmetrically growth restricted foetuses had a disproportionately lagging head compared with abdominal growth.
 - (D) All of the above
076. Among the complications that may be seen in twin pregnancies, which of the following may be seen in dichorionic twin pregnancies?
- (A) Fetus-in-fetu
 - (B) Acardiac twin
 - (C) Twin-twin transfusion syndrome
 - (D) Complete mole with coexisting normal twin

077. A pair of monochorionic twins present at 20 weeks' gestation with sonographic findings that suggest twin-twin transfusion syndrome. There is significant growth and fluid discordance, no bladder is visualized in the smaller twin, neither twin has abnormal umbilical artery Doppler studies, and neither twin has ascites or hydrops. How would you assign Quintero stage based on this information?
- (A) Stage I (B) Stage II
 (C) Stage III (D) Stage IV
078. Planned cesarean delivery has not been shown to improve neonatal outcome and is not advocated above vaginal delivery for which of the following clinical scenarios?
- (A) Vertex-vertex diamniotic twin gestation
 (B) Breech-breech diamniotic twin gestation
 (C) Vertex-vertex monoamniotic twin gestation
 (D) Vertex-vertex-transverse triamniotic triplet gestation
079. In chorioamnionitis during peripartum period. What is the most common causative organisms?
- (A) *Listeria monocytogenes*
 (B) *Gardnerella vaginosis*
 (C) Polymicrobial infection of rectovaginal organisms
 (D) Group B streptococcus (GBS)
080. Which of the following clinical signs define progression from the warm phase to the cold phase of septic shock?
- (A) Oliguria (B) Tachypnoea
 (C) Leucocytosis (D) Pulmonary hypertension
081. To diagnose metabolic syndrome, a patient must have at least 3 diagnostic criteria. Which of the following is not one of the criteria?
- (A) Elevated waist circumference (B) HDL > 50 mg/dL in females
 (C) Fasting glucose \geq 100 mg/dL (D) Systolic blood pressure \geq 130 mm Hg
082. A 32-year-old G2P1 presents to your office at 17 weeks' gestation. She reports a history of tetralogy of Fallot, which was repaired in infancy. She does report significant palpitations and dyspnoea when climbing the two flights of stairs to her apartment on the third floor. Which New York Heart Association class best describes her functional disability?
- (A) Class I (B) Class II
 (C) Class III (D) Class IV
083. The mother is found to have sickle trait. If the father also has trait, what percentage of their children will be born with sickle disease?
- (A) 25 (B) 50
 (C) 75 (D) 100
084. Which of the following is in the clinical criteria for antiphospholipid syndrome?
- (A) At least one spontaneous preterm birth
 (B) Three unexplained fetal losses before 12 weeks' gestation
 (C) At least one unexplained fetal death beyond 20 weeks' gestation
 (D) At least 1 preterm birth before 34 weeks' gestation due to severe preeclampsia, eclampsia, or placental insufficiency

085. What are the advantages of low-molecular-weight heparin in pregnancy?
 (A) Shorter half-life
 (B) Easily reversible
 (C) Better bioavailability, less osteoporosis & thrombocytopenia
 (D) Increased dosing leads to more predictable response
086. Which of the following pregnancy-related complications has the capacity to demonstrate the most prominent alterations of normal hepatic, renal, haematological, and coagulation laboratory studies?
 (A) Preeclampsia (B) Hyperemesis gravidarum
 (C) Acute fatty liver of pregnancy (D) Intrahepatic cholestasis of pregnancy
087. What is the maternal iron requirement in pregnancy for a typical singleton gestation?
 (A) 500 mg (B) 800 mg
 (C) 1000 mg (D) 1200 mg
088. Which of the following haemoglobin electrophoresis results is compatible with β -thalassaemia minor?
 (A) Haemoglobin A2 2.5%, haemoglobin F 1%
 (B) Haemoglobin A2 3.5%, haemoglobin F 1%
 (C) Haemoglobin A2 2.5%, haemoglobin F 3%
 (D) Haemoglobin A2 3.5%, haemoglobin F 3%
089. Which of the following findings are considered diagnostic for overt diabetes in pregnancy?
 (A) Haemoglobin A1C > 6% (B) Glucosuria on urine dip
 (C) Fasting plasma glucose \geq 120 mg/dL (D) Random plasma glucose \geq 200 mg/dL
090. All of the following are at increased risk of placenta previa Except: -
 (A) Multiparity
 (B) Smoking
 (C) Elevated MSAFP levels
 (D) History of placenta previa in first degree relatives
091. When does the fetus begin to concentrate and synthesize thyroid hormone?
 (A) 8 weeks (B) 10 weeks
 (C) 12 weeks (D) 14 weeks
092. During thyroid storm, what is the correct order of medication administration?
 (A) Dexamethasone, beta blocker, propylthiouracil, iodide
 (B) Iodide, propylthiouracil, beta blocker, dexamethasone
 (C) Propylthiouracil, beta blocker, iodide, dexamethasone
 (D) Beta blocker, iodide, propylthiouracil, dexamethasone
093. Many antiepileptic drugs are associated with fetal anomalies. Which of the following pairings between a medication and its associated fetal anomaly is correct?
 (A) Valproate – cardiac anomalies (B) Phenytoin – Fetal hydantoin syndrome
 (C) Carbamazepine – cardiac anomalies (D) All of the above
094. Programme for increasing quality of labour room care
 (A) LaQshay Program (B) Janani Shishu Suraksha Karyakram
 (C) Ayushman Bharat Scheme (D) PM Surakshit Matritav Abhiyan

095. A 23-year-old G1 who is currently 28 weeks pregnant is diagnosed with stage IA1 cervical cancer. How would you advise her concerning the remainder of her care?
- (A) Vaginal delivery is contraindicated.
 (B) Early delivery at 34 weeks is recommended.
 (C) Definitive therapy is reserved until 12 weeks postpartum.
 (D) None of the above
096. Essential component of Kangaroo mother care comprises all except: -
- (A) Skin to skin positioning of the baby on mother's chest
 (B) Adequate nutrition through breast feeding
 (C) Domiciliary care
 (D) Support for the mother & her family in caring for the baby
097. Cash assistance under Janani Suraksha Yojna is given to all of the following category pregnant women except: -
- (A) Urban women below poverty line
 (B) Rural women above 19 years of age
 (C) Up to 3 live births in low performing states
 (D) SC/ST pregnant women in high performing states
098. High risk factor for developing placenta accreta spectrum are follows, EXCEPT:
- (A) Placenta previa with ≥ 3 prior cesarean deliveries
 (B) Prior classical cesarean delivery and anterior placentation
 (C) Prior endometrial ablation or pelvic irradiation
 (D) PPH in previous delivery
099. According to PCPNDT act following services are regulated: -
- (A) Genetic counselling (B) Prenatal counselling
 (C) Antenatal counselling (D) None of the above
100. Ventriculomegaly is diagnosed when width of lateral ventricle is?
- (A) 1-2 mm (B) 5-7 mm
 (C) 6-8 mm (D) more than 10 mm
101. In a case of epithelial ovarian tumour risk of cancer is 75% if RMI (Risk of Malignancy Index) is?
- (A) > 40 (B) > 100
 (C) > 200 (D) > 250
102. McCall's Culdoplasty is useful as :-
- (A) Cystocele repair & prophylaxis (B) Enterocele repair & prophylaxis
 (C) Rectocele repair & prophylaxis (D) Perineal repair & prophylaxis
103. All of the following statements are true regarding uterine artery embolization (UAE) for leiomyoma treatment EXCEPT:
- (A) Coexistent adenomyosis is a contraindication to UAE.
 (B) UAE can provide definitive, independent treatment of uterine leiomyomas.
 (C) Postprocedural evaluation of UAE is assessed by sonography or magnetic resonance (MR) imaging.
 (D) MR imaging is the diagnostic method of choice or preprocedural evaluation of UAE.

104. Four stages of Prophase 1 in Meiosis in correct sequence are?
 (A) Pachytene – Diplotene – Leptotene – Zygotene
 (B) Pachytene – Leptotene – Diplotene – Zygotene
 (C) Diplotene – Zygotene – Leptotene – Pachytene
 (D) Leptotene – Zygotene – Pachytene – Diplotene
105. The term Microarray Chip Technology is a technique in Molecular Biology that refers to: -
 (A) Testing and detecting thousands of gene expressions simultaneously
 (B) Computer chip that stores names of various genes in Human Genome project
 (C) Used in cloning
 (D) Used in FISH
106. All of the following are true EXCEPT?
 (A) Labia Majora is homologous with scrotum in male
 (B) Labia minora do not contain hair follicle
 (C) There are three openings into the vestibule
 (D) The Bartholin glands are situated in superficial perineal pouch
107. What is the Corpus to cervix ratio in reproductive age?
 (A) 1:1 (B) 2:1
 (C) 1:3 (D) 1:2
108. In post-menopausal women _____ endometrial thickness has a 99% negative predictive value in excluding endometrial carcinoma?
 (A) ≤ 4 mm (B) ≥ 4 mm
 (C) > 6 mm (D) ≥ 8 mm
109. If the patient's secondary amenorrhea was due to anorexia nervosa which of the following laboratory findings would most likely be present?
 (A) High FSH, High LH, Low estrogen
 (B) Normal FSH, Normal LH, Normal estrogen
 (C) Low FSH, Low LH, Low estrogen
 (D) Low FSH, Low LH, High estrogen
110. Which is true about 21 -Hydroxylase enzyme?
 (A) Converts 17 OH progesterone to 11 Deoxycortisol
 (B) Converts 17 OH progesterone to 17 OH pregnenolone
 (C) Converts progesterone to 17 OH progesterone
 (D) Converts 11 Deoxycortisol to Cortisol
111. Which of the following statements regarding vasectomy is true?
 (A) Semen analysis is performed 3 months after vasectomy to confirm azoospermia.
 (B) The failure rate is 30 times less than that of female tubal sterilization.
 (C) The postoperative complication rate is 20 times less than that of female tubal sterilization.
 (D) All of the above
112. Menstrual Blood does not clot due to effect of?
 (A) Enzymatic autodigestion (B) Thrombin
 (C) Plasmin (D) Protein C and S

113. Late menopausal transitional stage (STRAW -1) is characterised by all the following, EXCEPT: -
- (A) It lasts for 1 to 3 years
 - (B) Menstrual cycles are irregular, anovulatory
 - (C) Serum FSH levels are less than 25 IU/L
 - (D) Vasomotor symptoms begin
114. Puberty is considered delayed if?
- (A) No secondary sexual characteristics are noted by age 16
 - (B) Menses have not commenced by age 13
 - (C) No secondary sexual characteristics are noted by age 13 or menses have not commenced by age 16
 - (D) Breast and pubic hairs have not yet appeared by age 16
115. To achieve menarche what should be the percentage of body fat?
- (A) 15 %
 - (B) 17 %
 - (C) 22%
 - (D) 25%
116. Which of the following is the result of lack of fusion of Mullerian duct system?
- (A) Uterine didelphys
 - (B) Transverse vaginal septum
 - (C) Unilateral renal agenesis
 - (D) Imperforate hymen
117. Which Androgen is not produced by ovary?
- (A) DHEA
 - (B) Androstenedione
 - (C) Testosterone
 - (D) DHEAS
118. Which of the following statements regarding abnormal uterine bleeding-ovulatory (AUB-O) is true?
- (A) Since ovulation does not occur, a secretory endometrium persists.
 - (B) At the cellular level, the availability of arachidonic acid is increased, altering prostaglandin production.
 - (C) Women with anovulation may be amenorrhoeic or long periods of time, which are followed by irregular, prolonged, heavy bleeding episodes.
 - (D) At the tissue level, the endometrial vascular structure is altered and contains increased spiral arteriole density and constricted venous capillaries
119. Which of the following medications used to treat abnormal uterine bleeding-endometrial (AUB-E) is correctly paired with its mechanism of action?
- (A) Tranexamic acid – increases plasmin levels
 - (B) Nonsteroidal anti-inflammatory drugs (NSAIDs) – stimulate cyclooxygenase (COX-1 and 2) production
 - (C) Oral progestins – inhibit endometrial growth and promote organized sloughing following their withdrawal
 - (D) Combination oral contraceptive pills (COCs) – induce endometrial atrophy but promote increased prostaglandin synthesis and endometrial fibrinolysis
120. Compared with normal myometrial cells, leiomyoma cells have which of the following mechanism to create a hyper estrogenic environment requisite for myoma growth and maintenance?
- (A) They convert less estradiol to estrone.
 - (B) They contain a greater density of estrogen receptors.
 - (C) They contain higher levels of cytochrome P450 aromatase, which converts androgens to estrogen.
 - (D) All of the above

121. Which degenerative changes are the least common in a fibroid?
 (A) Hyaline degeneration (B) Red or carneous degeneration
 (C) Necrosis (D) Sarcomatous degeneration
122. Which of the following tumor antigens is correctly paired with its ovarian tumor or malignancy?
 (A) α -fetoprotein (AFP) – dysgerminoma
 (B) β -human chorionic gonadotropin – granulosa cell tumor
 (C) Cancer antigen 19-9 (CA19-9) – mucinous epithelial ovarian carcinoma
 (D) Lactate dehydrogenase – yolk sac tumour and embryonal cell carcinoma
123. All of the following statements regarding the use of endometrial ablation for the treatment of adenomyosis are true EXCEPT: -
 (A) Complete eradication of deep adenomyosis may be limited.
 (B) Injury to the endometrial lining caused by ablation may worsen adenomyosis.
 (C) Computed tomography (CT) is recommended prior to ablation to identify deep adenomyotic lesions.
 (D) Adenomyosis has been found in approximately 50 percent of hysterectomy specimens with poor symptom relief from ablation.
124. An enzyme important in creating a unique estrogenic environment within endometriotic implants includes which of the following?
 (A) Aromatase (B) 17 α -hydroxylase
 (C) 11 β -hydroxylase (D) 17 β -hydroxysteroid dehydrogenase type 2
125. Indications for the tension free vaginal tape procedure include all except which of the following?
 (A) Urge urinary incontinence
 (B) Prior failed anti-incontinence procedure
 (C) Stress urinary incontinence related to urethral hypermobility
 (D) Stress urinary incontinence related to intrinsic sphincteric deficiency
126. In POP-Q depiction: the point Ap in the posterior vaginal wall is designated normally as –
 (A) – 3 cm (B) + 3 cm
 (C) + 4.5 cm (D) + 1.5 cm
127. Which of the following is the most commonly used radiation sensitizer for the treatment of cervical cancer?
 (A) Cisplatin (B) Paclitaxel
 (C) Carboplatin (D) 5-Fluorouracil
128. Abdominal pain elicited with elevation of the head and shoulders while tensing the abdominal wall muscles is typical of anterior abdominal wall pathology and is termed which of the following?
 (A) Carnett sign (B) Iliopsoas test
 (C) Straight leg test (D) Trendelenburg test
129. A screening mammogram result is reported as Breast Imaging-Reporting and Data System (BI-RADS-5). What percentage risk of malignancy does this result confer?
 (A) 35 percent (B) 55 percent
 (C) 75 percent (D) > 95 percent
130. The aetiology of premenstrual disorders remains obscure and likely involves various biological actors. Which of the following is NOT currently suspected of playing a significant role in these disorders?
 (A) Prolactin (B) Serotonin
 (C) Sex steroids (D) Renin–angiotensin–aldosterone system

131. A couple is evaluated for infertility. The male partner is found to have anosmia and red-green color blindness. The diagnosis of this condition is?
 (A) Klinefelter's syndrome (B) Kallman's syndrome
 (C) Kartagener's syndrome (D) Cryptorchidism
132. Primary therapy or central (gonadotropin dependent) precocious puberty consists of which of the following?
 (A) Bromocriptine
 (B) Depot-medroxyprogesterone acetate
 (C) Combination oral contraceptive pills
 (D) Gonadotropin-releasing hormone (GnRH) agonist
133. What is the predominant oestrogen during menopause?
 (A) Estriol (B) Estrone
 (C) Estradiol (D) None of the above
134. A 36-year-old woman is using a home ovulation predictor kit to help achieve pregnancy. She is given specific instructions by her physician to engage in sexual intercourse after detecting the luteinizing hormone (LH) surge. This advice is based upon ovulation typically occurring how many hours after the onset of this surge?
 (A) 12 to 16 hours (B) 24 to 30 hours
 (C) 36 to 40 hours (D) 48 to 52 hours
135. When is meiosis II completed during oocyte maturation?
 (A) After fertilization
 (B) After the luteinizing hormone (LH) surge
 (C) Immediately preceding the LH surge
 (D) During follicular development in the preovulatory phase
136. In those without menses, which of the following clinical scenarios meets the definition of Primary amenorrhea?
 (A) A 12-year-old woman with Tanner stage I breast development
 (B) A 16-year-old woman with Tanner stage II breast development
 (C) A 14-year-old woman with Tanner stage III breast development
 (D) An 18-year-old woman with Tanner stage V breast development and cessation of menses or the last two cycles
137. A 36-year-old patient has undergone two incision and drainage procedures for a Bartholin gland duct abscess. Which of the following would provide the most definitive treatment for her recurrent Bartholin gland duct abscess?
 (A) Marsupialization (B) Long-term antibiotics
 (C) Five-percent lidocaine ointment (D) Warm compresses and frequent sitz baths
138. Which of the following conditions is considered the most frequent cause of primary ovarian failure?
 (A) Gonadal dysgenesis (B) Fragile X syndrome
 (C) Androgen insensitivity syndrome (D) Mayer-Rokitansky-Kuster-Hauser syndrome
139. Measurement of which of the following serum levels is helpful in evaluating patients suspected of having late-onset congenital adrenal hyperplasia?
 (A) Testosterone (B) 17-hydroxyprogesterone
 (C) Follicle-stimulating hormone (FSH) (D) Dehydroepiandrosterone sulphate (DHEAS)

140. According to the Rotterdam criteria, which of the following is NOT a criterion for diagnosing polycystic ovaries by sonography?
- (A) Ovarian volume > 10 mL
 (B) At least five follicles per ovary
 (C) Follicles 2–9 mm in mean diameter
 (D) Only one ovary with findings, which is sufficient to define polycystic ovarian syndrome
141. A 30-year-old woman presents for evaluation of amenorrhea. Her examination is remarkable for severe acne and hirsutism. During evaluation for polycystic ovarian syndrome, she is noted to have an elevated dehydroepiandrosterone sulphate (DHEAS) level of 750 µg/dL. What is the best test to order next?
- (A) Transvaginal sonography
 (B) 17-hydroxyprogesterone level
 (C) 2-hour glucose tolerance test
 (D) Computed tomography of the abdomen
142. Which of the following organs is correctly paired with its embryologic origin?
- (A) Uterus – mesonephric duct
 (B) Bladder – mesonephric duct
 (C) Kidney – paramesonephric duct
 (D) Testes and ovaries – genital ridge
143. Antimüllerian hormone (AMH) is involved in all of the following EXCEPT:
- (A) Regression of the ipsilateral paramesonephric system
 (B) Peaking of testosterone production as a result of stimulation of the testes.
 (C) Rapid gubernacular growth necessary for the transabdominal descent of testes
 (D) Assessment of ovarian reserve in women undergoing assisted reproduction
144. During female sex development, when do the germ cells carrying two X chromosomes (oocytes) reach their peak number of 5 to 7 million?
- (A) At birth
 (B) Age 5 to 7 years
 (C) Shortly before menarche
 (D) In utero at 20 weeks' gestation
145. In order of decreasing frequency of incidence, rank the sites of ectopic implantation within the oviduct
- (A) Fimbrial, ampullary, isthmus, interstitial
 (B) Ampullary, isthmic, fimbrial, interstitial
 (C) Ampullary, isthmic, interstitial, fimbrial
 (D) Interstitial, fimbrial, isthmic, ampullary
146. How long does spermatogenesis take, starting from stem cell to mature sperm?
- (A) 10 days
 (B) 30 days
 (C) 60 days
 (D) 90 days
147. Congenital bilateral absence of the vas deferens is genetically related to which of the following?
- (A) Cystic fibrosis
 (B) Noonan syndrome
 (C) Klinefelter syndrome
 (D) Red–green color blindness
148. Commonest complication in mature cystic teratoma is
- (A) Rupture
 (B) Torsion
 (C) Malignant transformation
 (D) Haemorrhage
149. Liquefaction of the semen specimen after ejaculation is due to secretions from which of the following?
- (A) Prostate
 (B) Epididymis
 (C) Cowper gland
 (D) Seminiferous tubules

150. A patient is receiving external beam radiation for treatment of metastatic endometrial cancer. The treatment field includes the entire pelvis. Which of the following tissues within this radiation field is the most radiosensitive?
- (A) Vagina (B) Ovary
(C) Bladder (D) Rectum
151. How often will women with a biopsy diagnosis of mild cervical dysplasia (LSIL) resolve spontaneously with no treatment if followed for 24 months?
- (A) 10% (B) 25%
(C) 50% (D) 75%
152. Characteristically, menopausal transition begins with a variable period of menstrual cycle irregularity and extends to 1 year after permanent cessation of menses. The menopause transition typically spans how many years?
- (A) 1 to 2 years (B) 2 to 4 years
(C) 4 to 7 years (D) 7 to 10 years
153. Bone mineral density (BMD) values for sex, age, and ethnicity have been determined. For diagnostic purposes, results of BMD testing are reported as T-scores. What T -score value is associated with osteopenia?
- (A) T-score between + 2.5 and – 1.0 (B) T-score between + 1.0 and – 1.0
(C) T-score between + 1.0 and – 2.5 (D) T-score between – 1.0 and – 2.5
154. Concomitant risk of malignancy in complex endometrial hyperplasia with atypia is?
- (A) 1 % (B) 3 %
(C) 9 % (D) 40%
155. Which of the following does NOT have an indication for osteoporosis treatment?
- (A) Denosumab (B) Calcitonin
(C) Bisphosphonates (D) OC Pills
156. Call-Exner bodies are characteristic of –
- (A) Adult Granulosa Cell tumour (B) Yolk-sac tumour
(C) Dysgerminoma (D) Sertoli-Leydig Cell tumour
157. An intravenous pyelogram (IVP) shows hydronephrosis in the workup of a patient with cervical cancer otherwise confined to a cervix of normal size. This indicates which one of the following stages?
- (A) Microinvasive stage (B) IVA
(C) IIB (D) IIIB
158. When describing levels of vaginal support, which statement is most accurate?
- (A) Level I support describes the upper/proximal vaginal support via lateral attachments to the arcus tendinous fascia pelvis.
(B) Level II support describes mid vaginal support via the cardinal and uterosacral ligaments.
(C) Level III support describes attachment of the distal vagina to surrounding structures: the perineal body, superficial and deep perineal muscles.
(D) Level IV support describes the global support of an intact “endopelvic fascia.”
159. Lining epithelium of the vagina is?
- (A) Transitional epithelium
(B) Columnar Epithelium
(C) Squamous epithelium
(D) Non keratinizing stratified squamous epithelium

160. Choriocarcinoma with pulmonary metastasis is?
 (A) Stage 1 (B) Stage 2
 (C) Stage 3 (D) Stage 4
161. Comparing the uterosacral ligament vaginal vault suspension (USLS) to the sacrospinous ligament fixation (SSLF), which statement is correct?
 (A) The USLS defects the vaginal apex posteriorly and laterally.
 (B) The USLS attaches the vaginal apex to the ligament at the level of the ischial spines or higher.
 (C) The SSLF has been adopted to attempt to reduce the rates of anterior vaginal prolapse recurrence following USLS.
 (D) A randomized controlled trial of the two has demonstrated significantly fewer recurrences in the SSLF.
162. Which statement about the ureter is NOT true?
 (A) The ureter passes above the bifurcation of the Common Iliac artery.
 (B) The ureter lies lateral to the uterosacral ligament.
 (C) The ureter passes above the uterine artery.
 (D) The ureter proceeds for a distance of approx 1.5 cm through the bladder wall.
163. Fourth generation oral contraceptives are
 (A) Products containing 50 microgram ethinyl estradiol
 (B) Products containing 20, 30 or 35 microgram ethinyl estradiol and levonorgestrel or norgestimate
 (C) Products containing more than 50 microgram ethinyl estradiol
 (D) Products containing drospirenone or dienogest
164. WHO MEC (Medical Eligibility Criteria) category for Post-partum insertion of IUCD at \geq 48 Hrs and $<$ 4 Weeks Postpartum is?
 (A) Category 1 (B) Category 2
 (C) Category 3 (D) Category 4
165. Benefits of combined OC pills include all EXCEPT
 (A) Less Ca Ovary (B) Less Ca Cervix
 (C) Less Ca Endometrium (D) Less Colorectal cancer
166. All of the following are true statements regarding the cervix transformation zone (Z) EXCEPT:
 (A) Nearly all cervical neoplasia develops within the Z.
 (B) Squamous metaplasia occurring within the Z is abnormal.
 (C) The Z lies between the original and newer squamocolumnar junction.
 (D) The location and size of the Z change through the process of squamous metaplasia.
167. Based on current guidelines, how often should a 52-year-old woman undergo cervical cancer cytology screening if she is at average risk or this cancer and her three previous Pap test results were negative?
 (A) Annually (B) Every 2 years
 (C) Every 3 years (D) Every 5 years
168. The most common site of primary lesion in Ca vulva is
 (A) Labia majora (B) Labia minora
 (C) Clitoris (D) Perineum

169. Amsel's criteria to diagnose bacterial Vaginosis are as follows except the: -
- (A) pH < 4.5 (B) Fishy odour with 10% KOH
(C) Presence of Clue cells (D) Reduced Lactobacilli & leucocytes
170. To avoid obstetric complications of Fothergill's operation for genital Prolapse, Shirodkar modified the procedure by:
- (A) Smaller Amputation of Cervix
(B) Stump of uterosacral ligaments crossed and stitched in front of cervix
(C) Stumdorff's stitches avoided
(D) Pouch of douglas did not opened.
171. What is the most appropriate surgical approach or a woman who has a stage IA1 squamous cell carcinoma of the cervix and has completed childbearing?
- (A) Cold-knife conization (B) Extra fascial hysterectomy
(C) Type III radical hysterectomy (D) Modified (Type II) radical hysterectomy
172. Which of the following is the most appropriate chemotherapy regimen or newly diagnosed stage IVB adenocarcinoma of the cervix?
- (A) Cisplatin and topotecan (B) Cisplatin, Methotrexate
(C) Cisplatin, topotecan, and bevacizumab (D) Cisplatin, paclitaxel, and bevacizumab
173. A radical vulvectomy with bilateral inguino femoral lymph node dissection is performed or a 5-cm invasive squamous cell carcinoma of the vulva involving the lower third of the vagina. The pathology report notes that excision margins and lymph nodes are negative for tumor involvement. What is her clinical stage?
- (A) I (B) II
(C) III (D) IVA
174. Quadrivalent HPV Vaccine (Gardasil) is effective against
- (A) A.HPV 16, 18, 52, 31 (B) HPV 6, 11, 16, 18
(C) HPV16, 18, 31, 45 (D) HPV 6, 11, 31, 33
175. Which of the following is not true regarding urodynamic studies for correction of urinary incontinence?
- (A) Indicated if initial conservative management is unsuccessful
(B) Indicated if surgical treatment is anticipated
(C) Indicated if symptoms and physical findings are not matching.
(D) Role of urodynamic studies is beyond any controversy
176. Histologic evaluation hysterectomy specimen reveals a grade 2 endometrioid adenocarcinoma arising in the uterus, with 30 percent myometrial invasion. What is her International Federation of Gynaecology and Obstetrics (FIGO) stage?
- (A) Stage IA (B) Stage IB
(C) Stage II (D) Stage IIIB
177. Chemotherapy of choice for germ cell ovarian tumors is?
- (A) BEP (bleomycin, etoposide, and cisplatin)
(B) VAC (vincristine, dactinomycin, and cyclophosphamide)
(C) Cisplatin and Paclitaxel
(D) None of the above

178. For which of the following contraceptive methods is a history of previous ectopic pregnancy considered, by its manufacturer, to be a contraindication to its use?
- (A) Depot medroxyprogesterone acetate
 (B) Copper-containing intrauterine device
 (C) Progestin-containing sub-dermal implant
 (D) Levo-norgestrel-releasing intra-uterine system
179. A 40-year-old woman with a BRCA1 mutation undergoes a laparoscopic bilateral salpingo oophorectomy or risk reduction. Subsequent to this surgery, her breast cancer risk is reduced by what percentage?
- (A) 25 percent (B) 50 percent
 (C) 75 percent (D) 90 percent
180. Which of the following conditions can cause an elevated cancer antigen 125 (CA125) level?
- (A) Leiomyomata (B) Menstruation
 (C) Endometriosis (D) All of the above
181. What is the goal of cytoreductive surgery or advanced ovarian cancer?
- (A) Remove all tumors measuring > 1 cm (B) Remove all tumors measuring > 2 cm
 (C) Remove all tumors measuring > 0.5 cm (D) Remove all gross disease as much as possible
182. Following is NOT true about complete vesicular mole
- (A) Genotype is triploid
 (B) Hyperthyroidism reverts back after evacuation
 (C) Acute respiratory distress may be seen due to embolism
 (D) Risk of GTN is 15-20 %
183. Chemotherapy agents in the EMA/CO regimen or high-risk gestational trophoblastic neoplasia (GTN) include all of the following EXCEPT: -
- (A) Cisplatin (B) Etoposide
 (C) Methotrexate (D) Dactinomycin
184. The abdominal wall vessel most commonly injured during ancillary port entry in laparoscopy is?
- (A) Superficial inferior epigastric vessels (B) Deep Inferior epigastric vessels
 (C) Deep circumflex iliac vessels (D) External pudendal artery
185. Which of the following is most likely encountered in female infertility causes?
- (A) Unexplained (B) Cervical factors
 (C) Tubal disease (D) Ovulatory dysfunction
186. To achieve adequate blockade of Frankenhauser plexus during paracervical block, injections are ideally placed at what sites around the cervical base?
- (A) 1 and 6 o'clock (B) 12 and 10 o'clock
 (C) 3 and 9 o'clock (D) 4 and 8 o'clock
187. Dye tests traditionally have been performed to evaluate patients for a urinary tract fistula, If the tampon is wet with urine, but not blue, which fistula is likely?
- (A) VVF (B) Recto vaginal
 (C) Urethro vaginal (D) Ureterovaginal fistula

188. For patients having AUB-A because of adenomyosis, which of the following is NOT true?
 (A) LNG – IUS is a good treatment option
 (B) Myometrial cysts on TVS are important diagnostic criteria
 (C) Continuous treatment with progestins is not effective
 (D) Suppression treatment with GnRH agonists is effective
189. For at least how many days should heparin be continued after initiating warfarin?
 (A) 2 days
 (B) 5 days
 (C) 8 days
 (D) Heparin can be stopped immediately after initiating warfarin.
190. If colposcopy is satisfactory, to what depth is the transformation zone excised during loop electrosurgical excision procedure (LEEP)?
 (A) 2 to 3 mm
 (B) 5 to 8 mm
 (C) 10 to 20 mm
 (D) 22 to 30 mm
191. How far away from the cornu is the fallopian tube ideally grasped during Falope ring placement?
 (A) 1 cm
 (B) 3 cm
 (C) 5 cm
 (D) 9 cm
192. For a patient of endometriosis where fertility is the primary concern, treatment of choice is?
 (A) Progestins
 (B) Danazol
 (C) GnRH agonist
 (D) Surgical treatment
193. To attain a global view or laparoscopic myomectomy, the primary port is ideally inserted into the abdomen at a point that lies how far cephalad from the uterine fundus?
 (A) At least 1 cm
 (B) At least 4 cm
 (C) At least 8 cm
 (D) At least 12 cm
194. Which of the following is true of the process of sperm capacitation?
 (A) Involves sperm hyperactivation.
 (B) Aids sperm penetration of the ovum's zona pellucida.
 (C) Results in the sperm's ability to release acrosomal enzymes important to fertilization of the ovum.
 (D) All of the above
195. A 27-year-old woman is diagnosed with a pituitary microadenoma during evaluation of secondary amenorrhea. She subsequently begins a dopamine agonist and becomes pregnant. Which of the following is the best management of her adenoma during this pregnancy?
 (A) Resect the pituitary adenoma.
 (B) Suspend dopamine agonist therapy.
 (C) Continue medical therapy with bromocriptine.
 (D) Obtain pituitary imaging every trimester and continue medical therapy with cabergoline.
196. Options to decrease the risk of OHSS in “high responders” include all of the following except: -
 (A) Administering a dopamine agonist for up to 7 days after the trigger
 (B) “Coasting,” in which GnRH analogue treatment continues but without further gonadotropin stimulation for 1–3 days.
 (C) In GnRH antagonist stimulation cycles, administering a GnRH agonist to trigger ovulation.
 (D) Early Embryo transfer by 5th days.

197. Emergency contraception is effective if administered within the following period after unprotected intercourse?
- (A) 24 hrs. (B) 48 hrs.
(C) 72 hrs. (D) 120 hrs.
198. Progesterone breakthrough bleeding occurs: -
- (A) When progestogen to estrogen ratio is high
(B) When progestogen to estrogen ratio is low
(C) Is more likely in women on combined OC pills as compared to progesterone only pills
(D) None of the above
199. Obesity predisposes to chronic anovulation in these ways EXCEPT: -
- (A) Increased peripheral aromatization of androgens, resulting in chronically elevated estrogen concentrations.
(B) Decreased levels of hepatic sex hormone binding globulin (SHBG) production.
(C) Insulin resistance.
(D) Decrease in GnRH agonist & FSH/LH ratio.
200. Advantages of letrozole over clomiphene are as below EXCEPT: -
- (A) Less OHSS (B) Less Multiple pregnancies
(C) More follicles due to longer half life (D) Less adverse effect on endometrial thickness