

## PROVISIONAL ANSWER KEY

Question 53/2025/OL

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Department Government Homoeopathic Medical Colleges

Question1:-What will be the level of the Uterus on the second day post delivery?

A:-One finger breadth below umbilicus

B:-Two finger breadth below umbilicus

C:-Three finger breadth below umbilicus

D:-Four finger breadth below umbilicus

Correct Answer:- Option-A

Question2:-The complication associated with i/v Bolus injection of oxytocin

A:-Hypoglycemia

B:-Hypotension

C:-Hypertension

D:-Hyperglycemia

Correct Answer:- Option-B

Question3:-A pregnant women was given indomethacin. What will be the effect on the fetus?

A:-Premature closure of ductus arteriosus

B:-Premature closure of ductus venosus

C:-Keeps ductus arteriosus open

D:-Closure of fossa ovalis

Correct Answer:- Option-A

Question4:-Which one of the following changes occurs in the urinary system during pregnancy?

A:-Increased bladder capacity

B:-Increased urine production

C:-Increased renal blood flow

D:-Decreased renal blood flow

Correct Answer:- Option-C

Question5:-The uterine musculature during pregnancy is arranged in which of the following layers

A:-Inner : longitudinal

B:-Intermediate : Interlacing

C:-Outer : Circular

D:-All layers : interlacing

Correct Answer:- Option-B

Question6:-On per vaginal examination, if the bispinous diameter is inadequate, what difficulty you can expect during labor

A:-Difficulty in engagement of the head

B:-Difficulty in extension

C:-Fixing of head

D:-Difficulty in internal rotation

Correct Answer:- Option-D

Question7:-Earliest diagnosis of pregnancy can be established safely by

A:-MRI Pelvis

B:-Fetal Cardiac doppler study

C:-Human chorionic gonadotropin levels

D:-USG for fetal cardiac activity

Correct Answer:- Option-C

Question8:-Which of the following is not seen in tetralogy of fallot?

A:-Pulmonary stenosis

B:-Anterior displacement of the conotruncal septum

C:-Hypertrophy of the right ventricle

D:-Hypertrophy of left ventricle

Correct Answer:- Option-D

Question9:-Which vessel traverses the liver to enter the inferior vena cava directly?

A:-Umbilical artery

B:-Umbilical Vein

C:-Ductus venosus

D:-Ductus arteriosus

Correct Answer:- Option-B

Question10:-The Morula enters the uterine cavity in

A:-3-4 days

B:-4-5 days

C:-5-6 days

D:-6-7 days

Correct Answer:- Option-A

Question11:-Characteristic sonographic findings suggestive of Placenta Accreta

Spectrum (PAS) are all except

A:-Placental Lacunae

B:-Thickening of the retroplacental myometrium

C:-Bridging vessels from the placenta to the bladder serosal interface

D:-Placental buldge that pushes outwards and distorts the contour of the uterus

Correct Answer:- Option-B

Question12:-Which of the following statement is false regarding immunisation during pregnancy?

A:-T dap vaccine is recommended routinely for all pregnant women

B:-Influenza vaccine is recommended for all pregnant women regardless of trimester during flu season

C:-Rabies vaccine - Indication for prophylaxis not altered by pregnancy

D:-Human Papilloma Virus vaccine is indicated in high risk women during pregnancy

Correct Answer:- Option-D

Question13:-Which of the following statement is/are true about placental abruption?

(i) Couvelaire uterus is an indication for hysterectomy

(ii) Placental abruption is the most common cause of clinically profound consumptive coagulopathy in obstetrics

(iii) Placental abruption has a high recurrence rate

(iv) HELLP syndrome carries an increased risk of abruption

A:-(i), (ii), (iii)

B:-(ii), (iii), (iv)

C:-(i), (iii), (iv)

D:-All of the above

Correct Answer:- Option-B

Question14:-All of the following statements are true regarding shoulder dystocia except

A:-Combination of fetal macrosomia and maternal diabetes increases the risk of shoulder dystocia

B:-Mc Roberts Maneuver increases the angle of pelvic inclination

C:-When estimated fetal weight is > 5000 gm caesarean delivery should be considered for a non-diabetic women

D:-All four maneuver is also called Gaskin Maneuver

Correct Answer:- Option-B

Question15:-Factors favourable for success of induction of labour are all except

A:-BMI > 30

B:-Multiparity

C:-Young age

D:-Favourable Cervix

Correct Answer:- Option-A

Question16:-All the following statements are true regarding face presentation except

A:-Neck is hyperextended

B:-Anencephaly is a risk factor for face presentation

C:-Sub occipito - bregmatic diameter is the engaging diameter

D:-If the chin persists posteriorly the relatively short neck can not span the anterior surface of the sacrum

Correct Answer:- Option-C

Question17:-Predicted success rate of subsequent pregnancy following three miscarriages at the age of 30 years is approximately

A:-60%

B:-80%

C:-50%

D:->90%

Correct Answer:- Option-B

Question18:-The following statements are true regarding hCG

(i) Syncytiotrophoblast produces hCG

(ii) hCG and LH share same receptor in tissues

(iii) hCG is a heterodimer composed of  $\alpha$  and  $\beta$  subunits, which are covalently linked

(iv) Peak hCG levels are reached at 16 weeks of gestation

A:-(i) and (ii)

B:-(iii) and (iv)

C:-(i) and (iii)

D:-(ii) and (iv)

Correct Answer:- Option-A

Question19:-All the following statements are true regarding first trimester spontaneous abortions except

A:-of all miscarriages approximately half are euploid abortions

B:-of chromosomally abnormal embryos 75% aborts by 8 weeks of gestation

C:-of chromosomal abnormalities 95% are caused by paternal gametogenesis errors and 5% by maternal gametogenesis errors

D:-Monosomy - X is the single most frequent specific chromosomal abnormality

Correct Answer:- Option-C

Question20:-All the following statements are true about Phenylketonuria except

A:-more than 600 mutations are identified in phenylalanine hydroxylase gene

B:-Phenylalanine will not cross the placenta

C:-Mothers with Phenylketonuria, who ate an unrestricted diet will have abnormally high phenylalanine levels in their blood

D:-In mothers with Phenylketonuria, the phenylalanine concentration is ideally brought into normal range 3 months before conception

Correct Answer:- Option-B

Question21:-Amino infusion is a reasonable approach to treat

A:-late deceleration

B:-early deceleration

C:-repetitive variable deceleration

D:-prophylactic tool is known case of Oligohydramnios

Correct Answer:- Option-C

Question22:-In the three tier fetal heart rate interpretation system, category II or indeterminate include all except

A:-Sinusoidal pattern

B:-Absent baseline variability not accompanied by recurrent decelerations

C:-Prolonged deceleration  $\geq 2$  minutes but  $< 10$  minute

D:-Absence of induced acceleration after fetal stimulation

Correct Answer:- Option-A

Question23:-Narcotic antagonist capable of reversing respiratory depression in newborn induced by opioid narcotic obstetric analgesia in mother

A:-Remifentanyl

B:-Naloxone

C:-Meperidine

D:-Promethazine

Correct Answer:- Option-B

Question24:-Absolute contraindication for spinal analgesia in labour and delivery include

A:-Thrombocytopenia  $< 70,000$  / $\mu$ L (microlitre)

B:-Prophylactic low molecular weight Heparin within last 24 hours

C:-Women with Chiari I formation

D:-Women with severe Aortic Stenosis

Correct Answer:- Option-A

Question25:-Shoulder dystocia management include

A:-Zavanelli Maneuver

B:-Pinnard Maneuver

C:-Lovset Maneuver

D:-Kristellar Maneuver

Correct Answer:- Option-A

Question26:-Optimum ultrasound regimen in the management of uncomplicated Mono Chorionic Twin pregnancy include

A:-Fetal USG every 2 week from 16+0/7 week of Gestational Age until birth

B:-Chutribial Artery - Pulsatility Index should be measured in each scan from 18+0/7 weeks of Gestational age

C:-Middle Cerebral Artery - Peak Systolic Velocity (MCA -PSV) should be measured from 18+0/7 of Gestational Age.

D:-Detailed USS (Ultrasound) between 20+6/7 and 22+6/7 weeks of Gestational Age which include extended views of fetal heart anatomy

Correct Answer:- Option-A

Question27:-WHO recommendation 2022 on tocolytic therapy for improving pre term birth outcome include

A:-Nifedipine is recommended for acute and maintenance tocolytic therapy in suspected / diagnosed Preterm Labour (PTL) to improve new born outcome of Gestational Age is accurately assessed between 24+0/7 to 33+6/7 Gestational Age.

B:-Can be given even in cases of intrauterine infection and vaginal bleeding

C:-COX inhibitors can be given as tocolytics between 28+0/7 - 33+6/7 gestational age

D:-Combination therapy with multiple agents is better than mono therapy as tocolytics

Correct Answer:- Option-B

Question28:-In the risk assessment for Fetal Growth Restriction (FGR) at booking visit (by 14 weeks of Gestational Age) to identify those who require increased surveillance, moderate risk factor include

A:-PAPPA less than 5<sup>th</sup> centile in present pregnancy

B:-Echogenic bowel

C:-Women who is aged 40 years or more at booking

D:-Single umbilical artery for the fetus

Correct Answer:- Option-C

Question29:-Oligohydramnios is seen in the pregnancy when the fetus has

A:-Bartter syndrome

B:-Ebstein Anomaly

C:-Persistent cloaca

D:-Pulmonary sequestration

Correct Answer:- Option-C

Question30:-In the management of Obstetrical Hemorrhage which one is true about Cryoprecipitate

A:-It has platelets

B:-15-20 units or 3-4 gm will increase base line fibrinogen by approximately 150 mg/decilitre

C:-One unit has about 350 mg of fibrinogen

D:-It does not have other clotting factors other than fibrinogen

Correct Answer:- Option-B

Question31:-Which of the following clinical trials is not associated with Hypertensive disorders of pregnancy?

A:-PEACOCK trial

B:-SWEPIIS trial

C:-MEXPRES trial

D:-ASPRE trial

Correct Answer:- Option-B

Question32:-Goals of treatment of ARDS in pregnancy include all except

A:-Maintain  $PAO_2$  at 60 %

B:-Maintain 90% oxygen saturation

C:-Inspired Oxygen content < 50%

D:-Maintain Positive End Expiratory pressure at > 15%

Correct Answer:- Option-D

Question33:-Hydrops fetalis occur when fetal hematocrit is less than

A:-15%

B:-30%

C:-45%

D:-60%

Correct Answer:- Option-A

Question34:-Recurrent Pregnancy Loss evaluation now includes all except

A:-Antiphospholipid antibody measurement

B:-Fetal Karyotyping

C:-Assess Prolactin levels

D:-Performing saline infusion sonography

Correct Answer:- Option-B

Question35:-All are true about human milk in puerperium

(i) Lactose accounts for half of the oncotic pressure

(ii) Human milk whey : casein = 40:60

(iii) The amount of lactose in 100 ml is around 7 grams

(iv) Vit. K is adequately present in milk

A:-(i) and (ii) are true

B:-(iii) and (iv) are true

C:-(i) and (iii) are true

D:-(ii) and (iv) are true

Correct Answer:- Option-C

Question36:-Low IgG avidity is seen

A:-Primary CMV infection

B:-Latent CMV infection

C:-Recurrent infection

D:-No current infection

Correct Answer:- Option-A

Question37:-In an obese pregnant lady with BMI of 32, pick out the wrong statement.

A:-Abnormal concentric cardiac remodeling can occur, leading to increased preeclampsia

B:-There is increased Sodium reabsorption in obese, leading to increased preeclampsia

C:-There is decreased plasma insulin levels in obese patients with hypertension

D:-The association between rising BMI, Diabetes and preeclampsia is depicted in HAPO trial

Correct Answer:- Option-C

Question38:-Few statements regarding intrahepatic cholestasis of pregnancy (IHCP) are given below. Pick out the wrong statements :

(i) SGPT/SGOT values are usually less than 200

(ii) LCHAD gene mutation are associated with it

(iii) Delivery is recommended by 37-38 weeks in uncomplicated IHCP

(iv) Bile acid has hepatotoxic effect on the fetus leading to still births

A:-Only (i) and (ii)

B:-Only (ii) and (iii)

C:-Only (i) and (iii)

D:-Only (ii) and (iv)

Correct Answer:- Option-D

Question39:-A 33-year-old primigravida came with PROM of more than 24 hours. She underwent Caesarean Section (CS) for failed induction. She has developed fever of 38 degree Celsius and she is now on post operative day 5. The following statements regarding her condition is true

A:-Vaginal delivery is associated with more endometritis than CS

B:-Incisional abscess following CS usually develops fever in the first day

C:-Infection which spreads along the venous vessels is called Phlegmon

D:-One of the first signs of peritonitis in puerperium is adynamic ileus

Correct Answer:- Option-D



Question40:-Which of the following can be used in TOLAC with least chance of rupture?

A:-PGE1

B:-PGE2

C:-Foleys Catheter

D:-Oxytocin

Correct Answer:- Option-C

Question41:-Choose the correct answers

ACOG (2021a) has recommended that

(i) Variable decelerations of whatever type needs immediate obstetric intervention

(ii) Variable deceleration if non repetitive and brief duration < 30 seconds needs to obstetric intervention

(iii) Variable deceleration repetitive 2 in 60 minutes is associated with increased risk of caesarean delivery for fetal distress

(iv) Deceleration lasting  $\geq 1$  minute have even worse fetal prognosis

(v) Variable deceleration associated with oligohydramnios resulted in 40% chance of caesarean delivery

A:-(i), (iv), (v) correct

B:-(ii), (iii), (v) correct

C:-(ii), (iv) correct

D:-(ii), (iii), (iv), (v) correct

Correct Answer:- Option-C

Question42:-ASSERTION - NST is a better predictor for fetal surveillance than CST  
REASON - Still birth rates within one week of normal antepartum fetal surveillance test is 1.9/1000 for CST and 0.3/1000 for NST

A:-Both ASSERTION and REASON are correct

B:-Both ASSERTION and REASON are wrong

C:-ASSERTION is correct but REASON is wrong

D:-ASSERTION is wrong but REASON is correct

Correct Answer:- Option-B

Question43:-Choose the correct answers

According to the Guidelines, Diagnosis of early pregnancy loss by TVS includes

(i) MSD  $\geq 25$  mm with no embryo

(ii) CRL  $\geq 8$  mm with no heart beat

(iii) Initial USG shows a gestational sac and yolk sac and after  $\geq 7$  days no embryo with heart beat is seen

(iv) Initial USG shows a gestational sac without yolk sac and after  $\geq 2$  weeks no embryo with heart beat is seen

A:-(i), (ii), (iii) are CORRECT

B:-(i), (ii), (iv) are CORRECT

C:-(ii), (iii), (iv) are CORRECT

D:-(i), (iv) are CORRECT

Correct Answer:- Option-D

Question44:-Choose the correct answers

In the repair of a Type 3 c Perineal Laceration

- (i) overlapping technique yields better results compared to end-to-end anastomosis of EAS repair
- (ii) Enema and suppositories should be continued for one week for better healing
- (iii) One single dose of antibiotic at the time of repair is recommended
- (iv) IAS is repaired before EAS repair

A:-(iii), (iv) are CORRECT

B:-(ii), (iii), (iv) are CORRECT

C:-(i), (ii) are CORRECT

D:-(i), (iii), (iv) are CORRECT

Correct Answer:- Option-A

Question45:-Choose the correct answers

Regarding Neoplastic changes of cervix during pregnancy, true is

- (i) High grade lesions need HPV testing and frequent colposcopy every 12 weeks and biopsy is indicated if worsening or invasive cancer is suspected
- (ii) No endocervical curettage is performed during pregnancy
- (iii) Cervical conization can be done during pregnancy for pre invasive lesions of cervix
- (iv) Advanced stage cervical cancers in early trimester of pregnancy can undergo gentle curettage followed by External Beam Radio Therapy

A:-(i), (ii), (iii), (iv) are CORRECT

B:-(i), (ii), (iii) are CORRECT

C:-(i), (ii) are CORRECT

D:-(iii), (iv) are CORRECT

Correct Answer:- Option-C

Question46:-Choose the correct answers

Obstetrical imaging guidelines for Nuchal Translucency measurement includes

- (i) Angle of insonation is perpendicular to the NT line and fetus is in mid sagittal plane with nasal tip, palate and diencephalon visible
- (ii) Majority of the image is filled by fetal head, neck and upper thorax
- (iii) + Calipers are placed parallel to the fetal long axis in the inner border of the nuchal membranes with none of the horizontal cross bands protruding into the space
- (iv) Measurement is made at the widest NT space and average of 3 NT measurement is taken

A:-(i), (ii) are CORRECT

B:-(i), (ii), (iii) are CORRECT

C:-(ii), (iii), (iv) are CORRECT

D:-(i), (ii), (iii), (iv) are CORRECT

Correct Answer:- Option-A

Question47:-True SINUSOIDAL Fetal heart rate pattern includes all except

A:-Absent variability and only 1 acceleration lasting for 15 bpm

B:-Stable baseline FHR of 120-160 bpm with regular oscillations

C:-Amplitude of 5-15 bpm and frequency 2-5 cycles / mt

D:-No concurrent usage of drugs like Narcotics

Correct Answer:- Option-A

Question48:-Component of Ex utero Intrapartum Treatment procedure (EXIT) includes all except

A:-Comprehensive pre operative evaluation, fetal sonogram / Echo / MRI / Karyotyping and Intra operative sonography to confirm placental position and visualize vessels at planned hysterotomy site

B:-Uterotonics and spinal anesthesia

C:-Maintenance of uterine volume during the procedure by continuous amino infusion of warmed physiological solution to prevent placental separation

D:-Delivery of fetal head, neck, upper torso to permit access as needed and fetal injection of vecuronium, fentanyl and atropine

Correct Answer:- Option-B

Question49:-Indicators of an acute peripartum or intra partum event leading to HIE (Hypoxic Ischaemic Encephalopathy) include

(i) APGAR Score < 5 at 5 and 10 mts

(ii) Umbilical arterial PH < 7, Acid base deficit  $\geq 12$  mmol/L

(iii) Neuro Imaging (MRI) showing acute brain injury

(iv) Multisystem involvement

(v) Oxygen saturation at 1 mt is 60-65% and 5 mt is 80-85%

A:-(i), (ii), (iii), (iv), (v) are CORRECT

B:-(ii), (iii), (v) are CORRECT

C:-(i), (ii), (iii) are CORRECT

D:-(i), (ii), (iii), (iv) are CORRECT

Correct Answer:- Option-D

Question50:-PRADHAN MANTRI SURAKSHIT MATRITVA ABHIYAN (PMSMA) launched in June 2016 includes

(i) Envisages to improve diagnostic and counselling services as a part of reproductive maternal neonatal child and adolescent health (RMNCH+A) Strategy and services are provided free of cost

(ii) Ensures a minimum package of antenatal care services including investigations and drugs and are being provided to the beneficiaries on the 9<sup>th</sup> day of every month.

(iii) Presently involves health care providers in government sector and in next stage will include health workers in private sector also as volunteers

(iv) Ensures Institutional care at time of child birth and aims at improving the quality of care at the delivery points

A:-(i), (ii), (iii), (iv) are CORRECT

B:-(i), (ii), (iii) are CORRECT

C:-(i), (ii) are CORRECT

D:-(ii), (iii), (iv) are CORRECT

Correct Answer:- Option-C

Question51:-Which of the following statements is/are correct about the presence of opening in the Vestibule?

- (i) Urethral opening
- (ii) Vaginal orifice
- (iii) Opening of paired Bartholin's duct
- (iv) Opening of Paraurethral ducts

A:-Only (i) and (ii)

B:-Only (iii) and (iv)

C:-All of the above (i, ii, iii, iv)

D:-Only (i), (ii), (iii)

Correct Answer:- Option-C

Question52:-Which of the following statements is/are correct about the Female urethra?

- (i) Measures 6 cm with diameter of 6 mm
- (ii) Posterior urethrovesical angle measures  $100^\circ$
- (iii) Upper 2/3 is covered with stratified transitional epithelium and distal 1/3 with stratified epithelium
- (iv) There is no sub mucosal coat

A:-Only (ii), (iii), (iv) are correct

B:-Only (i) is correct

C:-Only (ii), and (iv) are correct

D:-Only (iv) is correct

Correct Answer:- Option-A

Question53:-Which of the following statements is/are correct about the Ovary

- (i) Develops from gonadal ridge
- (ii) Cortex of ovary develops from coelomic epithelium
- (iii) Medulla of vary develops from mesenchyme
- (iv) Germ cells develop from endodermal cells

A:-(i), (ii) only are correct

B:-(i), (ii), (iii), (iv) are correct

C:-(iv) is wrong

D:-(ii) and (iii) only are correct

Correct Answer:- Option-C

Question54:-Which of the following statements is/are correct about association of these syndromes with primary amenorrhoea

- (i) Turner syndrome
- (ii) Mayor Rotkinstansky Kuster Hauser Syndrome (MRKH) Syndrome
- (iii) Kallman's syndrome
- (iv) Klinefelter's syndrome

A:-(i), (ii) and (iii) are correct

B:-(v) is correct

C:-(i), (ii), (iii),(iv) are correct

D:-(ii) and (iii) are wrong

Correct Answer:- Option-A

Question55:-Which of the following statements is/are correct about benefits of Menopausal Hormone Therapy

(i) Improves Vasomotor symptoms

(ii) Decrease Bone Mineral Density

(iii) Decrease risk of vertebral and hip fracture

(iv) Decrease in colorectal cancer

A:-(i), (iii) and (iv) are correct

B:-(ii) is correct

C:-(iii) All are correct

D:-All are wrong

Correct Answer:- Option-A

Question56:-Which of the following statements is/are correct about Menstruation?

(i) Average age of menarche is 15 years

(ii) Average menstrual blood loss is 35 - 80 ml

(iii) 70% of menstrual blood loss is in 2 days

(iv) Alkaline hematin is the most precise to measure menstrual blood loss

A:-Only (iii) and (iv) are correct

B:-(i) is wrong

C:-All are correct

D:-All are wrong

Correct Answer:- Option-B

Question57:-Which of the following statements is/are correct about colposcopy?

(i) it is a low power binocular microscope

(ii) directed biopsy is gold standard

(iii) used to evaluate women with abnormal cytology

(iv) all of the above

A:-(i) is wrong

B:-(iv) is correct

C:-only (iii) is correct

D:-Only (ii) and (iii) is correct

Correct Answer:- Option-B

Question58:-Which of the following statements is/are correct about Endometrial ablation in AUB?

- (i) No response to medical therapy
- (ii) Completed family
- (iii) No endometrial pathology
- (iv) Endometrial carcinoma

A:-Only (i), (ii) are correct

B:-All are correct

C:-All are wrong

D:- (iv) is wrong

Correct Answer:- Option-D

Question59:-Which of the following statements is/are correct about common causes of post coital bleeding?

- (i) Carcinoma Cervix
- (ii) Cervical mucous polyp
- (iii) Cervical erosion
- (iv) All of the above

A:-Only (i) and (ii)

B:-Only (i)

C:-Only (iii)

D:-Only (iv)

Correct Answer:- Option-D

Question60:-Which of the following statements is/are correct about Diagnostic criteria for Acute salpingitis?

- (i) Abdominal tenderness
- (ii) Cervical motion tenderness
- (iii) Uterine tenderness
- (iv) Adnexal tenderness
- (v) All the above

A:-Only (i) and (ii)

B:-Only (iii) and (iv)

C:-Only (iv)

D:-Only (v)

Correct Answer:- Option-D

Question61:-With respect to the medical management of Endometriosis, which of the following is true?

- (i) Extra pelvic endometriosis respond well to medical management
- (ii) Aromatase inhibitors are used for treating endometriosis
- (iii) OCP's acts by inducing dedidualization of the endometrium

A:-Only (ii) and (iii)

B:-Only (i) and (ii)

C:-Only (i) and (iii)

D:-All of the above

Correct Answer:- Option-A

Question62:-AUB associated with the use of anticoagulants belongs to

A:-AUB-C

B:-AUB-E

C:-AUB-I

D:-AUB-N

Correct Answer:- Option-C

Question63:-Hyperprolactinemia is associated with all of the following except :

A:-PCOS

B:-Metoclopramide

C:-Bromocriptine

D:-Cimetidine

Correct Answer:- Option-C

Question64:-With regard to Primary Ovarian Insufficiency (POI).

A:-The incidence is 10% before the age of 40 years

B:-Primary amenorrhoea is present in 90% of the cases

C:-Ovarian biopsy is essential to confirm the diagnosis

D:-It may be associated with hypothyroidism

Correct Answer:- Option-D

Question65:-The diagnosis of Adenomyosis by MUSA criteria on transvaginalsonography, include all of the following except

A:-Asymmetrical myometrial thickening

B:-Hyperechoic islands in the myometrium

C:-Subendometrial lines

D:-Regular and Uninterrupted junctional zone

Correct Answer:- Option-D

Question66:-Most commonly affected organ in genital tuberculosis

A:-Peritoneum

B:-Ovary

C:-Fallopian Tube

D:-Endometrium

Correct Answer:- Option-C

Question67:-Primary amenorrhoea associated with poor breast development, but with presence of uterus and normal lower genital tract may be due to

A:-Testicular feminization syndrome

B:-Turner's syndrome

C:-MRKH syndrome

D:-PCOS

Correct Answer:- Option-B

Question68:-All the following are true regarding red degeneration of fibroid except :

A:-Seen in 50% of the pregnant women with myomas

B:-Can occur with the use of combined OCPs

C:-Self limiting

D:-Can give rise to pain and constitutional symptoms

Correct Answer:- Option-A

Question69:-The treatment of choice for children with isosexual precocious puberty

A:-Steroids

B:-Estrogen alone

C:-GnRH agonists

D:-Oral contraceptives

Correct Answer:- Option-C

Question70:-Lower genital tract infections with Neisseria gonorrhea are usually characterized by

A:-Malodorous, purulent vaginal or urethral discharge

B:-Firm, painless vulvar ulcer

C:-Inguinal lymphadenopathy

D:-Fever, malaise and bilateral labial swellings

Correct Answer:- Option-A

Question71:-Which of the statements regarding oogenesis is INCORRECT?

A:-Primary oocytes are arrested in prophase I until puberty

B:-Secondary oocytes is arrested in metaphase II at ovulation

C:-Oogenesis begins during fetal life

D:-Meiosis II is completed before fertilization

Correct Answer:- Option-D

Question72:-Which is the receptor responsible for mediating the rapid, non-genomic effects of estrogens?

A:- $ER_{\alpha}$

B:- $ER_{\beta}$

C:-GPER

D:-PR

Correct Answer:- Option-C



Question73:-Which of the chromosomal abnormality is most commonly associated with azoospermia?

A:-Klinefelter's syndrome

B:-Down's syndrome

C:-Turner syndrome

D:-Kartagener syndrome

Correct Answer:- Option-A

Question74:-Which gene mutation is most commonly implicated in 46, XY gonadal dysgenesis (Swyer syndrome)?

A:-SRY

B:-SOX9

C:-WT1

D:-DAX1

Correct Answer:- Option-A

Question75:-An 18-year-old presents with primarily amenorrhea, well-developed breasts and absent pubic hair. On karyotyping is found to have a 46 XY and USG shows a suggestion of intra-abdominal gonads. Serum testosterone is high. What is the most likely serum LH and FSH pattern?

A:-Both low

B:-Both high

C:-LH high, FSH low

D:-LH low, FSH high

Correct Answer:- Option-B

Question76:-A 27 yr old year-old woman presents with hirsutism, normal menstrual cycles and lab tests show normal androgen levels. What is the likely cause?

A:-PCOS

B:-Idiopathic hirsutism

C:-Ovarian tumor

D:-Cushing's syndrome

Correct Answer:- Option-B

Question77:-A 30 year-old lady with previous 2 normal deliveries presents with hyperprolactinemia, macroadenoma on dopamine agonists and 8 weeks pregnancy. What is the best management?

A:-Continue dopamine agonist

B:-Surgery

C:-Stop all medications

D:-Radiation

Correct Answer:- Option-A

Question78:-The cause of increased facial hair growth in a postmenopausal woman is due to

A:-Fall in FSH

B:-Increase in LH

C:-Decreased estrogen / androgen ratio

D:-Decreased androgen

Correct Answer:- Option-C

Question79:-The most important risk of hysteroscopic surgery using glycine as distension medium is

A:-Hyponatremia

B:-Hyperkalemia

C:-Hypernatremia

D:-Hypercalcemia

Correct Answer:- Option-A

Question80:-During laparoscopy, a 45-year-old obese woman develops sudden bradycardia and hypotension after insufflation. What is the most likely cause?

A:-Hyperkalemia

B:-Vasovagal reaction

C:-Uterine perforation

D:-CO<sub>2</sub> embolism

Correct Answer:- Option-D

Question81:-The following structures may be injured during sacrospinous ligament fixation except

A:-Pudendal nerve

B:-Inferior gluteal artery

C:-Superior gluteal artery

D:-Internal pudendal vessels

Correct Answer:- Option-C

Question82:-All are True about Atypical leiomyomas except

A:-Mitotically active leiomyoma is defined by the presence of 5 to 10 mitosis/10 high power fields and may be found in pregnancy and OCP users

B:-Cellular leiomyomas exhibiting chromosome 1 p deletions may be clinically more aggressive

C:-STUMP shows atypical histologic features that range between leiomyoma and leiomyosarcoma but mitotic count is less than 10/10 HPF (High Power Field)

D:-STUMP mostly those that are P53 and P16 positive have been found to exhibit malignant potential to develop a low grade leiomyosarcoma

Correct Answer:- Option-A

Question83:-Cervical conisation is indicated in all except

- A:-Endocervical curettage histologic findings are positive for CIN 2 or CIN 3
- B:-Lack of correlation between cytology, biopsy and colposcopy
- C:-Type I transformation zone
- D:-Dignosis of Atypical glandular cells AIS

Correct Answer:- Option-C

Question84:-Regarding HPV induced cervical intraepithelial Neoplasia the false statement is

- A:-HPV-16 infection is a very specific finding and can be found in only 2% of women with normal cervical cytology
- B:-HPV-18 is more specific than HPV-16 for invasive tumors
- C:-Metaplasia found at the squamocolumnar junction begins in the subncolumnar reserve cells
- D:-As the CIN lesions became more severe the HPV numbers decrease and the capsid antigen disappears

Correct Answer:- Option-A

Question85:-The incidence of ovarian metastasis in carcinoma cervix is

- A:-1%
- B:-5%
- C:-10%
- D:-15%

Correct Answer:- Option-A

Question86:-All are true regading Dermoid cyst of ovary except

- A:-Malignant transformation occurs is less than 2% of dermoid cysts in women of all ages
- B:-Upto 25% of dermoids occur in postmenopausal women
- C:-Risk of torsion in Dermoid cyst is approximately 50%
- D:-They are bilateral in 10% cases

Correct Answer:- Option-C

Question87:-While discharging a patient who underwent a vesicovaginal fistula repair which of the following would you recommend?

- A:-Sexual abstinence for 3 months and avoid pregnancy for 1 year
- B:-Sexual abstinence for 3 months and avoid pregnancy for 2 years
- C:-Sexual abstinence for 3 weeks and avoid pregnancy for 6 months
- D:-Sexual abstinence for 6 weeks and avoid pregnancy for 1year

Correct Answer:- Option-A

Question88:-All are true about Enhanced Recovery After Surgery (ERAS) protocol except

A:-Preoperative carbohydrate loading

B:-Use of liberal Antiemetics including preoperative steroids

C:-Avoiding routine nasogastric tube and drains

D:-Adequate pain relief with opioids

Correct Answer:- Option-D

Question89:-The following statements are true about Type II Endometrial cancers except

A:-They are non estrogen dependant

B:-They are associated with PTEN and k-ras mutation

C:-Smoking is not protective

D:-Lymphovascular space invasion and nodal metastasis is seen frequently

Correct Answer:- Option-B

Question90:-Regarding Elagolix the following statement is incorrect

A:-Used to suppress the estrogen production to a level that is adequate for symptom relief but minimises hypoestrogenic effects

B:-Cannot produce or dose dependent suppresses of pituitary function and ovarian hormones like GnRh agonists

C:-Improves dysmenorrhoea and non menstrual pelvic pain during a 6 months period in women with endometriosis associated pain

D:-Orally active GnRH antagonist with no flare effect

Correct Answer:- Option-B

Question91:-Why is p57kip2 immunostaining positive in partial mole?

A:-This gene is paternally imprinted and maternally expressed

B:-This gene is maternally imprinted and paternally expressed

C:-This gene is not paternally imprinted and not maternally expressed

D:-This gene is maternally imprinted and maternally expressed

Correct Answer:- Option-A

Question92:-Which of the following is NOT a character of placental site trophoblastic tumor?

A:-It is derived from intermediate trophoblast

B:-Beta hcg production is low

C:-It is sensitive to chemotherapy

D:-Most commonly develops after term pregnancy

Correct Answer:- Option-C

Question93:-30 year old female came to OPD, with concerns about her family history of cancer. Her maternal aunt recently died of ovarian cancer and her mother is also on Tamoxifen following breast surgery. The patient herself is asymptomatic. What is the best next step in the management of this patient?

A:-Physical examination and reassurance

B:-Mammogram and annual follow up

C:-FNAC

D:-None of the above

Correct Answer:- Option-B

Question94:-24 yr old female presents to OPD after noticing a lump in her right breast while showering. On local examination a 2 cm, non-tender, smooth, mobile swelling is present in upper outer quadrant of right breast. She also complains of vague pain in the breast around her menstrual period. What is the most likely diagnosis?

A:-Duct ectasia

B:-Sebaceous cyst

C:-Phyllodes

D:-Fibroadenoma

Correct Answer:- Option-D

Question95:-47 yr old lady presented to OPD with complaints of watery discharge from vagina for past 3 weeks. She underwent hysterectomy for Adenomyosis 4 weeks ago. The creatinine level of the fluid is 19 mg/dl. What is the most probable diagnosis?

A:-Ureterovaginal fistula

B:-Vaginitis

C:-Fallopian tube carcinoma

D:-Bacterial vaginosis

Correct Answer:- Option-A

Question96:-24 yr old married nulliparous woman comes to OPD with complaints of mass protruding through vagina, lower backache and increased frequency of urination for past 5 months. On examination she is very tall and thin built with flat feet. A mid systolic click is heard on chest auscultation. Local examination revealed a 2nd degree prolapse uterus. What is the best treatment strategy for the patient?

A:-Le Fort operation

B:-Pessary

C:-Vaginal hysterectomy

D:-Purandare sling operation

Correct Answer:- Option-D

Question97:-Enterocoele correction by vaginal route is done in

A:-McCall culdoplasty

B:-Colpoperineorrhaphy

C:-Halban and Moscovitz procedure

D:-Ward Mayo repair

Correct Answer:- Option-A

Question98:-28 yr old lactating woman with history of migraine approaches you for contraception. Which of the following is the ideal method for her?

A:-COC pills

B:-Inj DMPA

C:-NUVA ring

D:-None of the above

Correct Answer:- Option-B

Question99:-Which method of fertility preservation allows the conservation of normal endocrine capacities as well as higher number of primordial follicles?

A:-GNRH analogue

B:-Embryo cryopreservation

C:-Oocyte cryopreservation

D:-Ovarian tissue cryopreservation

Correct Answer:- Option-D

Question100:-All are Imaging findings of Adenomyosis except

A:-Indistinct endo-myometrial junction

B:-Swiss cheese appearance of myometrium

C:-Absence of endometrial lining in various regions of uterine cavity and filling defect on HSG

D:-Increased vascularity

Correct Answer:- Option-C