

Total No. = 03 pages**Q.P. Code: MBN406****M.B.B.S. Final Prof. Part-II**

(New Scheme w.e.f. 2019 admission onwards)

BF/2024/03

Obstetrics and Gynaecology-A

M.M. : 100

Time : 3 Hours(First 30 Min. for MCQs)

- Note: 1. **Use OMR Sheet to answer Multiple Choice Questions(MCQs).**
2. Attempt all questions. Illustrate your answers with suitable diagrams
3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
4. **The student must write Q.P. Code in the space provided on OMR Sheet and the Title page of the Answer Book.**

Q.1 MCQs (Attempt on OMR sheet) [1x20]

1. Which of the following change in fetal circulation occurs at around one year of age
 - a. Permanent closure of the umbilical veins
 - b. Formation of the ligamentum arteriosum
 - c. Constriction of the ductus arteriosus
 - d. Anatomical closure of the foramen ovale
2. A 21-year-old sexually active woman reported with excruciating pain. She had history of irregular cycles and her partner gave history of use of condoms for contraception. Her last menstrual period was 45 days back On examination her blood pressure is 90/55 mmHg and her pulse is 115. Which of the following needs to be immediately ruled out?
 - a. Torsion of ovary
 - b. Ectopic pregnancy
 - c. Missed abortion
 - d. Molar pregnancy
3. An 26 year old woman with 8 weeks of pregnancy reported with a USG scan of live fetus corresponding to the period of gestation and simple anechoic adnexal cyst of 5 cm. What advice would you extend to the woman.
 - a. Reassure her
 - b. Advocate CT scan
 - c. Report with Ca-125
 - d. Preoperative test for laparoscopic removal
4. In a woman with slow progress of labor was referred to a tertiary level hospital. On pelvic examination at 8 cm of cervical dilatation, brow is palpable. What is the plan of action?
 - a. Augmentation of labor with Oxytocin
 - b. Plan her for Mid cavity forceps application in 2nd stage of labor
 - c. Plan her for ventouse application in 2nd stage of labor
 - d. Undertake Lower segment Caesarean section
5. A women at 11 weeks of gestation reported for counselling with a history of bite by a stray dog untraceable for follow up. What will be your advice to her regards Antirabies Vaccination?
 - a. Reassure and vaccinate in second trimester
 - b. Advice MTP before vaccination.
 - c. Vaccinate and then advice MTP.
 - d. Counsel and vaccinate.
6. Which of the following is an indication for intravenous route of iron therapy?
 - a. Severe anaemia in labor
 - b. Pregnancy with irritable bowel syndrome
 - c. Anaemia in first trimester
 - d. Pregnancy with placenta previa
7. A women at 34 weeks with previous 2 LSCS presented to labor room in shock with tense tender uterus and intrauterine death. What is the most probable cause?
 - a. Rupture uterus
 - b. Abruptio
 - c. Abdominal pregnancy
 - d. Scar Dehiscence

Page 1 of 3

8. A woman with pain abdomen at 24 weeks of pregnancy underwent an ultrasound and was diagnosed with a 8 cm large fibroid uterus. What is the ideal management under the circumstances?
- Terminate pregnancy
 - Give pain killers
 - Offer Myomectomy
 - Can be given GnRH agonists
9. What changes have been made in WHO next-generation partograph
- The rate of dilatation has been increased from 1 cm / hour to 1.5 cm /hr
 - The active stage is considered after 5 cm of dilatation
 - There is slight shift in the active line for early intervention
 - The manual quantification of strength of uterine contraction has been replaced by electronic cardiotocography
10. A grand multipara after a precipitate labor went into shock immediately after expulsion of baby with a pear shaped reddish purple mass protruding out of vagina. The most probable diagnosis is
- Morbidly adherent placenta
 - Protrusion of subserosal fibroid
 - Inversion of uterus
 - Protrusion of uterus
11. A woman in labor reflected variable deceleration on Cardiotocogram. Which of the following is likely to be related to it?
- Severe hypoxia
 - Cord compression
 - Hyperstimulation
 - Head compression of the fetus
12. Which of the following has been incorporated in the recent amendment of the MTP law 2023 ?
- MTP for an incest upto 24 weeks with consent of one RMP.
 - MTP for a rape survivor upto 24 weeks with consent of one RMP
 - MTP for any pregnancy with substantial congenital malformation of foetus even beyond 24 weeks with consent of two RMP.
 - MTP for an unmarried girl upto 24 weeks for contraceptive failure with consent of one RMP.
13. Which of the following is a risk factor for uterine scar dehiscence?
- Previous LSCS for breech delivery
 - Abdominal scar infection
 - Interpregnancy gap less than one year
 - Patient going into preterm labour
14. Which of the following is a relative indication for termination of pregnancy?
- Eisenmenger's Syndrome
 - Multiparous women with grade III & IV cardiac lesions
 - Pulmonary veno-occlusive disease
 - Primary pulmonary Hypertension
15. Which of the following combination is suggestive of down syndrome in the fetus?
- Reduced PAPP-A, Decreased Beta hCG & Increased Nuchal translucency
 - Reduced PAPP-A, Increased Beta hCG & Increased Nuchal translucency
 - Increased PAPP-A, Increased Beta hCG & Increased Nuchal translucency
 - Reduced PAPP-A, Increased Beta hCG & decreased Nuchal translucency
16. A 30 years old multiparous female with history of recurrent cholestasis of pregnancy approached family planning service centre for counselling. Which contraceptive should be avoided for her?
- Cu-T
 - Progestogen only contraceptive pills
 - Combined oral contraceptive pills
 - Medicated Intrauterine device
17. A G2P1 with history of C Section and postpartum deep vein thrombosis within a week of delivery was referred to you at 38 weeks in early labor. What shall be your plan of action?
- Give her therapeutic dose of heparin if she delivers by LSCS.
 - Give her therapeutic dose of heparin post-delivery irrespective of route of delivery.
 - Give her prophylactic dose of heparin if she delivers by LSCS.
 - Give her prophylactic dose of heparin post-delivery irrespective of route of delivery.

18. A patient with maintenance dose of Magnesium sulphate was detected to have respiratory rate of 12/per minute. Which of the following is not part of treatment?
- Oxygen by mask
 - Immediate LSCS
 - Chelation of magnesium
 - Stoppage of next dose of magnesium.
19. A primigravida had a second trimester abortion at 16 weeks with very short labor and delivered a live foetus en caul. Her USG for pelvic organs was normal. She should be counselled for which of the following
- Tests for inherited thrombophilia
 - Battery of TORCH test
 - Cervical length evaluation in next pregnancy
 - Tests for Antiphospholipid antibody syndrome
20. A conception with ovulatory drugs. Her early first trimester ultrasound reported twin pregnancy with "T sign", which is suggestive of
- Monochorionic- monoamniotic pregnancy
 - Monochorionic- diamniotic pregnancy
 - Dichorionic- Diamniotic pregnancy
 - Dichorionic- monochorionic pregnancy
- Q2. A 26 years old presented with twin pregnancy [4+4+4]
- What is the importance of establishing chorionicity of twin pregnancy and how and when it is done?
 - What are the complications specific to Monozygotic twins and how are they diagnosed?
 - Enumerate indication for elective Caesarean section in multifetal pregnancies.
- Q.3. **Write short notes on:-** [5x4]
- Prevention of Rh isoimmunization
 - Management of postpartum haemorrhage
 - How do you manage a case of cord prolapse
 - Uterotonics and their role in Obstetrics
- Q.4. **Explain why:-** [3x5]
- Doppler is done for prevention of Pre-eclampsia
 - Routine ultrasound is done in second trimester
 - Why electronic monitoring is important for management of previous scar in labor.
 - Why Screening test for gestational diabetes mellitus is mandatory in pregnancy
 - Why molar pregnancy should be followed after evacuation
- Q.5. **Write short notes on:-** [6x3]
- Explain and draw a partogram
 - Management of septic abortion
 - Complication of diabetes mellitus in pregnancy
- Q.6. **Write short notes on:** [5x3]
- Prevention of thalassemia
 - Physiology of lactation
 - Describe conflicts of interest in patient care and professional relationship.