Developmental Psychology Childhood Adolescence 9th Edition Shaffer Test Bank

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CHAPTER 3—PRENATAL DEVELOPMENT AND BIRTH

MULTIPLE CHOICE

- 1. Prenatal development refers to development of
 - a. the social bond of the adult couple.
 - b. the newborn immediately after the birth.
 - c. the offspring during pregnancy, from conception until birth.
 - d. plans to become pregnant.

ANS: C DIF: easy REF: Introductory Section

MSC: Conceptual

- 2. Identify the correct prenatal sequence of periods, from earliest to latest.
 - a. Fetal period :: embryonic period :: period of the zygote
 - b. Period of the zygote :: embryonic period :: fetal period
 - c. Embryonic period :: fetal period :: period of the zygote
 - d. Embryonic period :: period of the zygote :: fetal period

ANS: B DIF: moderate REF: From Conception to Birth

MSC: Factual

- 3. Which of these periods of prenatal development is shortest, covering the fewest days?
 - a. Fetal period
 - b. Embryonic period
 - c. Period of the zygote
 - d. All are of equal duration

ANS: C DIF: easy REF: From Conception to Birth

MSC: Factual

- 4. The prenatal period lasting from conception to implantation is referred to as the
 - a. period of cellular replication.
 - b. embryonic period.
 - c. period of the zygote.
 - d. fetal period.

ANS: C DIF: easy REF: From Conception to Birth

MSC: Factual

- 5. During the first four days following conception, the structure of 60 to 80 cells is called the
 - a. homo spherical.
 - b. blobonoidal entity.
 - c. blastocyst.
 - d. zygotenoid.

ANS: C DIF: moderate REF: From Conception to Birth

MSC: Factual NOT: New

6.	The embryo develop a. the inner layer o b. an inner organ o c. the unfertilized o d. a type of teratog	f the bla f the fet ovum.	stocyst.	lisk, wł	nich is
	ANS: A MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
7.	Implantation occurs a. hours b. days c. weeks d. months	about tv	vo follow	ing con	ception.
	ANS: C MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
8.	The proper place for a. interior of a fallo b. lining of the vag c. outside of the ov d. wall of the uteru	opian tul ina. ⁄ary.	•	int itsel	f is at the
	ANS: D MSC: Factual	DIF:	easy	REF:	From Conception to Birth
9.	About percent embryo. a. 1 b. 10 c. 25 d. 70	of zygo	tes successfully	compl	ete the germinal period to enter the period of the
	ANS: C MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
10.	Out of every four zy a. none b. one c. two d. three	gotes, _	fail(s) to su	irvive.	
	ANS: D MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
11.	Which of these is No organism? a. The placenta b. The anoxia c. The amnion d. The chorion	OT amo	ng the four sup	port str	uctures that protect and nourish the developing
	ANS: B MSC: Factual	DIF:	easy	REF:	From Conception to Birth

12.	The is a water a. postpartum b. lanugo c. vernix d. amnion	ight sac	in which the c	levelopi	ng child floats during its prenatal development.
	ANS: D MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
13.	The is a suppo a. umbilical cord b. lanugo c. chorion d. neural tube	rt structi	ure that surrou	nds the a	amnion and later becomes the lining of the placenta
	ANS: C MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
14.	The placenta serves a. nervous systems b. bowels. c. visual systems. d. blood supplies.		nipermeable ba	arrier bet	eween the mother's and the baby's
	ANS: D MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
15.	Of the following, the embryo is a. oxygen. b. maternal blood c. sugars, proteins d. viruses.	cells.		lly CAN	NOT pass through the placenta to the developing
	ANS: B MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
16.	The period of the ena. first and second b. third through eigc. ninth through 12 d. 13th through 20	ghth 2th	ecurs during th	e v	veeks of pregnancy.
	ANS: B MSC: Conceptual	DIF:	moderate	REF:	From Conception to Birth
17.	During the period of a. pancreas, an implementation b. endoderm, the inc. mesoderm, the ind. ectoderm, the or	oortant o nner laye niddle la	organ. er of the embry ayer of the emb	yonic dis bryonic (sk. disk.
	ANS: D MSC: Factual	DIF:	difficult	REF:	From Conception to Birth

- 18. The placenta is like a
 - a. cargo vessel that collects and delivers supplies.
 - b. sentinel who watches for danger.
 - c. teacher who explains difficult concepts.
 - d. manager who supervises a staff of workers.

ANS: A DIF: moderate REF: From Conception to Birth

MSC: Conceptual

- 19. ____ connects the embryo to the placenta and transports metabolic waste from the embryo to the mother's blood stream.
 - a. The uterus
 - b. The umbilical cord
 - c. The fallopian tube
 - d. The intestine

ANS: B DIF: moderate REF: From Conception to Birth

MSC: Factual

- 20. During the period of the embryo, the muscles, circulatory system, and bones develop from the
 - a. endoderm, the inner layer of the embryonic disk.
 - b. mesoderm, the middle layer of the embryonic disk.
 - c. ectoderm, the outer layer of the embryonic disk.
 - d. the placenta, which connects the embryo to the mother.

ANS: B DIF: difficult REF: From Conception to Birth

MSC: Factual

- 21. During the period of the embryo, the mesoderm, the middle layer of the embryonic disk, develops into the
 - a. muscles, circulatory system, and bones.
 - b. neural tube.
 - c. fetus.
 - d. umbilical cord.

ANS: A DIF: difficult REF: From Conception to Birth

MSC: Factual

- 22. Magnetoencephalography (MEG) has revealed that the six-month-old human fetus has some ability to discriminate among
 - a. tastes of the food the mother eats.
 - b. light and dark.
 - c. sounds.
 - d. different voices.

ANS: C DIF: difficult REF: From Conception to Birth

23.	During embryonic development, ENDODERM is to ECTODERM as is to a. FAST :: SLOW b. INNER :: OUTER c. PASSIVE :: ACTIVE d. PROGRESSIVE :: RECESSIVE
	ANS: B DIF: difficult REF: From Conception to Birth MSC: Conceptual
24.	What is indifferent about the "indifferent gonad" that develops near the end of the embryonic period? a. It does not yet have emotional feelings b. It develops identically, regardless of the mother's diet c. It lacks any opinions on social science controversies d. It can develop into either testes or ovaries
	ANS: D DIF: moderate REF: From Conception to Birth MSC: Conceptual
25.	The embryo's neural tube develops eventually into a. the skin. b. the central nervous system. c. the arms and legs. d. internal organs such as the heart, liver, and kidneys.
	ANS: B DIF: moderate REF: From Conception to Birth MSC: Factual
26.	The organism experiences its fastest relative rate of growth during the a. first prenatal month. b. last trimester of pregnancy. c. first month of infancy. d. 10th month following birth.
	ANS: A DIF: difficult REF: From Conception to Birth MSC: Factual
27.	Gwen had an ultrasound done 60 days after conception. In the ultrasound image, she will see a. if the baby carries any recessive genes. b. the sex of the preborn baby. c. that it is a baby, not a cancerous tumor. d. very little because the embryo is so small.
	ANS: D DIF: difficult REF: From Conception to Birth MSC: Applied
28.	In the absence of biochemical instructions, the embryo's indifferent gonad will develop sexually a. in a masculine style. b. in a neutral style that is neither male nor female. c. in masculine as well as feminine styles. d. in a feminine style.
	ANS: D DIF: moderate REF: From Conception to Birth MSC: Conceptual

	 a. "Nature abhors a vacuum." b. "Lacking masculine instructions, develop as a female." c. "Lacking feminine instructions, develop as a male." d. "Sexual identity is unknowable prior to birth." 	
	ANS: B DIF: moderate REF: From Conception to Birth MSC: Conceptual	
30.	A slogan for the neonate would be, a. "Originate!" b. "Differentiate!" c. "Rapid growth!" d. "Welcome to the world!"	
	ANS: D DIF: easy REF: From Conception to Birth MSC: Conceptual	
31.	is needed for the prenatal development of male sex organs in the fetus. a. The sound of men's voices b. Salt in the mother's diet c. Testosterone hormone d. The absence of estrogen, a female hormone,	
	ANS: C DIF: moderate REF: From Conception to Birth MSC: Factual	
32.	As early as the end of the gestational month, the male/female sexual identity of the fetus conserved with ultrasound imaging. a. second b. third c. fourth d. fifth	an be
	ANS: B DIF: difficult REF: From Conception to Birth MSC: Factual	
33.	As early as the end of the gestational month, the fetus's reproductive system already containmenture ova or sperm cells. a. third b. fourth c. fifth d. sixth	iins
	ANS: A DIF: difficult REF: From Conception to Birth MSC: Factual	
34.	At the end of the, all the major structures of the human are formed. a. embryonic period b. fetal period c. period of the zygote d. implantation	
	ANS: A DIF: moderate REF: From Conception to Birth MSC: Factual	

29. A slogan that describes nature's rule for embryonic sexual development would be,

35. The _____ is a time during which organ systems are refined and begin to function. a. embryonic period b. fetal period period of the zygote d. implantation REF: From Conception to Birth ANS: B DIF: moderate MSC: Factual 36. Fetal movements are first felt by the mother and the fetal heartbeat can be heard at a. three to four weeks. b. 25 to 38 weeks. c. one week. d. 13 to 24 weeks. ANS: D REF: From Conception to Birth DIF: moderate MSC: Factual 37. The white cheesy material that coats the fetus's body is called a. diethylstilbestrol. b. placental ooze. c. folic acid. d. vernix. ANS: D DIF: moderate REF: From Conception to Birth MSC: Factual 38. During restorative fetal surgery, a surgeon declares, "The fetus's vernix appears abnormal!" To what does the doctor refer? a. Reflexes that respond to touch b. Roundness of the facial features c. A white cheesy coating on the skin d. Muscle tension in the arms and legs ANS: C DIF: moderate REF: From Conception to Birth MSC: Applied 39. The 24th week is often set as the legal upper limit for medical abortion. At this point in time, the milestone that is reached by the developing fetus is a. the heart and circulatory system begin to function. b. spontaneous movement is apparent for the first time. c. sex differentiation and sex organ development is now completed. d. the minimal age of viability has been reached. ANS: D REF: From Conception to Birth DIF: moderate

40.	The vernix protects of a. chapping by modes. temporary blinds c. becoming engored. annoying bites for the vernix protects of an annoying bites for the vernix protects of the vernix pr	vements ing by e ged by f	s in the amniotic exposure to inter- duids received to	nse ligh from th	its. e umbilical cord.
	ANS: A MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
41.	An older sibling ask mother, "It is a fine a. prenatal fuzz." b. lanugo." c. shaggy encapsul d. monkey's sweat	layer of ation."			the baby has hair before it is born. "Yes," states her
	ANS: B MSC: Applied	DIF:	moderate	REF:	From Conception to Birth
42.	Suppose that your fe a. Capacity for inte b. A particular pair c. A fine layer of h d. An organ that in	elligence of chro air on the	e omosomes ne skin		ald be missing?
	ANS: C MSC: Applied	DIF:	moderate	REF:	From Conception to Birth
43.	The age of viability a. survival outside b. the fetus is recog c. the fetus begins d. quickening move	the uter gnized a to have	us is possible. s being a perso thoughts and in	n. itention	s.
	ANS: A MSC: Conceptual	DIF:	easy	REF:	From Conception to Birth
44.	For most fetuses, the a. fifth b. sixth c. seventh d. ninth	e age of	viability occurs	s during	the month after conception.
	ANS: C MSC: Factual	DIF:	moderate	REF:	From Conception to Birth
45.	The fetal position, wa. first trimester. b. second trimester. c. early third trimester. d. late third trimester.	ster.	imbs folded up	around	the body, is especially characteristic of the
	ANS: D MSC: Factual	DIF:	easy	REF:	From Conception to Birth

46.	 A is a substance or disease that causes developmental harm to the embryo or fetus. a. lanugo b. thalidomizer c. teratogen d. prenatal degrader
	ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual
47.	 A teratogen is a(n) a. tool used to extract the head of the fetus during birth. b. instrument for assessing an Apgar rating of the newborn. c. specially shaped delivery table at birthing centers. d. external agent that causes developmental harm at particular times during pregnancy.
	ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual
48.	Pregnant mothers should exposure to teratogens. a. avoid b. be indifferent about c. seek occasional d. seek continual
	ANS: A DIF: easy REF: Potential Problems in Prenatal Development MSC: Applied
49.	The proportion of infants born with a defect is about percent. a. 1 b. 5 c. 25 d. 50
	ANS: B DIF: easy REF: Potential Problems in Prenatal Development MSC: Factual
50.	Teratogens can be described with a single word as a. enhancing. b. nutritious. c. harmful. d. expansive.
	ANS: C DIF: easy REF: Potential Problems in Prenatal Development MSC: Conceptual
51.	 Which statement about teratogens is FALSE? a. Harmful effects are more likely when exposure is long. b. Each teratogen causes a single defect. c. Individual embryos or fetuses may react differently to a particular teratogen. d. The effects on a body organ are worst when the organ is forming or growing rapidly.
	ANS: B DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual

52.	A teratogenic sensitive period is the time when a. developmental enhancements are likely to occur. b. a body organ is most vulnerable to teratogenic injury. c. the pregnant mother reacts strongly to emotional crises. d. odors from the pregnant mother elicit protective actions by family pets.
	ANS: B DIF: easy REF: Potential Problems in Prenatal Development MSC: Conceptual
53.	While pregnant, Terry was exposed briefly to a very small amount of a teratogen. The effects of exposure will be a. serious because teratogens, by definition, cause severe birth defects. b. maximized, depending on her genetic makeup. c. minimized by the small amount and brevity of exposure. d. varied, depending on the timing of the exposure.
	ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Applied
54.	When the father's exposure to a teratogen has a harmful effect on the child, the transfer occurs during a. conception. b. the germinal period. c. the period of the embryo. d. the period of the fetus.
	ANS: A DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual
55.	Teratogenic effects resulting from the father's exposure to substances are most likely to exert influence on a. sperm cells. b. the surface of his skin. c. the child after birth. d. organs that have been fully formed.
	ANS: A DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual
56.	Most of the sensitive periods for teratogenic injuries occur during the period. a. germinal b. embryonic c. fetal d. perinatal
	ANS: B DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual

57.	At a prenatal clinic, avoid exposure to te a. germinal b. embryonic c. fetal d. perinatal				"While pregnant, you must be most careful to d."			
	ANS: B MSC: Applied	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
58.	Of these various bodinjury? a. Arms b. Teeth c. Heart d. Central nervous		which has the	longest	duration high-sensitivity period for teratogenic			
	ANS: D MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
59.	Teratogens are most a. first two weeks a b. second to eighth c. 12th to 20th wee d. last trimester of	after cor weeks : eks follo	nception. following conce wing conception	eption.	ural abnormalities during the			
	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
60.	"Anytime malforma are LEAST applicab a. Palate b. Eyes c. Genitals d. Nervous system				ogen exposure during any week of the pregnancy.			
	ANS: A MSC: Factual	DIF:	difficult	REF:	Potential Problems in Prenatal Development			
61.	Consuming small amounts of alcohol (e.g., ounce/day) during pregnancy a. causes profound physical birth defects such as phocomelia. b. causes psychosis and severe mental retardation in the mother and also in the baby. c. may produce delayed developmental effects that appear months or years later, during childhood. d. is harmless to development because the dosage is small.							
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			

	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
63.		ezing	nsequence con	mmon to	babies whose mothers were exposed to rubella
	ANS: A MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development
64.	The developmenta a. much worse th b. about the same c. milder than d. of briefer dura	nan e as	of rubella on tl	ne unbori	n child are on the pregnant mother.
	ANS: A MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
65.	The mother's rube occurs a. in combination b. during the firs c. during the second. during the thir	n with alco t trimester	ohol. r. ster.	rst teratog	genic effects on the offspring when the infection
	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
66.	Because the terato not noticeable, one a. should plan to b. must accept th c. should keep di d. should pass ou	e who is in become p at willpovistant fron	nfected oregnant soon wer alone is the n women of cl	ie best tre nildbeari	ng age.
	ANS: C	DIF:	moderate	REF:	Potential Problems in Prenatal Development

62. Diseases tend to exert more harmful influences on the embryo or fetus than on the mother herself

67.	Mother-to-child HIV/AIDS infection is most common among women who a. have a lesbian sexual orientation. b. participate regularly in church choirs. c. have avoided pregnancy until after age 35. d. are involved with intravenous drug injection.								
	ANS: D MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development				
68.	The teratogenic dise who handle the feces a. chicken pox b. cholera c. tuberculosis d. toxoplasmosis				nant mothers who consume undercooked meat or his infection.				
	ANS: D MSC: Factual	DIF:	difficult	REF:	Potential Problems in Prenatal Development				
 69. How do expectant mothers become infected with the teratogenic substance toxoplasmosis a. Intimate relations with their infected husbands b. Eating undercooked meat or by exposure to the feces of an infected cat c. Breathing the airborne pollen of the acacia tree d. Physical fatigue from excessive aerobic exercise 									
	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development				
70.		risk of o			ou should especially AVOID cleaning the cages of a from the droppings of an infected animal.				
	ANS: B MSC: Applied	DIF:	difficult	REF:	Potential Problems in Prenatal Development				
71.	HIV/AIDS virus? a. Prenatal infection b. Via mother's mi c. Via mosquito bi d. During birth, via	on via the lk durin tes to m	e placenta g breastfeeding other, then to b	g aby	effect the baby of a mother who is a carrier of the				
	ANS: C MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development				

72.	When normal vaginal birth poses a risk of infecting the child with an STD such as genital herpes, the birth is a. preceded by massive fetal doses of analgesics. b. delayed indefinitely until signs of infection are gone. c. done via cesarean delivery to minimize infection risk. d. recommended to be done at home to provide a soothing environment.							
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
73.	Syphilis, a sexually a. period of the zy b. birth. c. embryonic stage d. period of the fet	gote. e.	ted disease, is	most ha	rmful to infants during the			
	ANS: D MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
74.	Today, most babies a. die shortly after b. will die by age 3 c. are likely to live d. are able to live l	birth. 3. beyond	the age of 6.	with HI	V in the United States			
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
75.	The ancient Greek pa. some teratogenib. low-birth-weight. on rare occasiond. drunken mother	c drugs j it babies is, men l	prevent birth de commonly become pregnan	efects. come ob nt and g	ese adults. ive birth.			
	ANS: D MSC: Factual	DIF:	difficult	REF:	Potential Problems in Prenatal Development			
76.	The teratogen thalid a. nausea and vom b. anxiety. c. headaches. d. diarrhea.		s a mild tranqui	lizer tha	at was sold over the counter as a remedy for			
	ANS: A MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			
77.	Thalidomide general during of pregation of pregation of the first two models. The second trimes c. the third trimest d. any interval	nancy. nths ester	ng teratogenic e	effects o	n children whose mothers consumed the drug			
	ANS: A MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development			

- 78. The thalidomide tragedy during the 1960s showed that
 - a. saving money with low-cost drugs is no bargain.
 - b. sexually transmitted diseases exert harmful effects on the child even years after the disease was cured.
 - c. animal testing of new drugs does not guarantee their safety for humans.
 - d. dietary factors interact with drugs in unexpected ways.

ANS: C DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Conceptual

- 79. Developmental injuries were caused by thalidomide to each of these organs EXCEPT the
 - a. ears.
 - b. genitals.
 - c. arms.
 - d. legs.

ANS: B DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Factual

- 80. The developmental disability called phocomelia affects
 - a. the distribution and texture of hair on the head.
 - b. later intellectual abilities and performance.
 - c. the appearance of the face.
 - d. the development of legs or arms.

ANS: D DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Factual

- 81. Which of these drugs is known to cause harmful effects when taken late in pregnancy, during the third trimester?
 - a. Ibuprofen
 - b. Lithium antidepressants
 - c. Thalidomide
 - d. Sex hormones

ANS: A DIF: difficult REF: Potential Problems in Prenatal Development

MSC: Factual

- 82. The drug diethylstilbestrol (DES) generated unique teratogenic effects because the abnormalities
 - a. affected the family's house pets, not the humans.
 - b. did not appear in the child until adolescence.
 - c. affected sons but not daughters.
 - d. improved the child's intelligence.

ANS: B DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Factual

- 83. Diethylstilbestrol (DES) is a teratogen that results in
 - a. deformities of the arms and legs.
 - b. abnormalities of the reproductive organs of female offspring.
 - c. mental retardation.
 - d. depression.

ANS: B DIF: moderate REF: Potential Problems in Prenatal Development

84.	For child victims of fetal alcohol syndrome (FAS), physical malformations occur in all of these EXCEPT the a. face. b. limbs. c. heart. d. genitals.	
	ANS: D DIF: easy REF: Potential Problems in Prenatal Development MSC: Factual	
85.	Fetal alcohol syndrome (FAS) is suffered by children a. who were bathed in alcohol at the time of birth. b. who were fed bottled formula that contained small amounts of alcohol. c. who were injected with medications suspended in an alcohol solution. d. whose mothers consumed large amounts of alcoholic beverages during pregnancy.	
	ANS: D DIF: easy REF: Potential Problems in Prenatal Development MSC: Conceptual	
86.	FETAL ALCOHOL SYNDROME is to FETAL ALCOHOL EFFECT as is to a. BOY :: GIRL b. BAD :: GOOD c. SEVERE :: MILD d. ABSTINENCE :: EXCESSIVE	
	ANS: C DIF: difficult REF: Potential Problems in Prenatal Development MSC: Conceptual	
87.	To avoid the risk of alcohol-related FAS or FAE disorders, pregnant women are advised to a. consume alcohol in small amounts throughout pregnancy. b. eat nutritious foods on any day when alcohol is consumed. c. totally abstain from alcohol during pregnancy. d. abstain from intercourse when pregnancy is detected.	
	ANS: C DIF: easy REF: Potential Problems in Prenatal Development MSC: Applied	
88.	A pregnant woman tells her neighbor, "I know about fetal alcohol syndrome, and I've reduced medrinking. I now drink moderately with friends." Her social drinking a. is recommended because it relieves maternal stress. b. is harmless to the developing child. c. can cause symptoms of fetal alcohol effect (FAE), despite her moderation. d. counteracts the harmful effects of other teratogens.	y
	ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Applied	
89.	Which of the following is NOT a consequence of FAE? a. Stunted growth b. Learning deficits c. Problems with attention d. Mental retardation	
	ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual	

90. Babies who are born to cigarette-smoking mothers a. suffer from FAS or FAE. b. are normal in every respect. c. tend to have low birth weight. d. display the structural defects of phocomelia. ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual 91. A preborn child is affected by its father's smoking because a. the pregnant mother inhales passive smoke, which is passed to the fetus. b. sperm cells are invigorated by smoke. c. fathers who smoke provide less nutritious food to pregnant mothers, to save money to buy cigarettes. d. smoking fathers are emotionally detached from the child. DIF: moderate REF: Potential Problems in Prenatal Development ANS: A MSC: Factual 92. All of the following complications have been associated with maternal smoking during pregnancy **EXCEPT** a. malformations of the ears. b. abnormal lung function. c. an increased risk of death shortly after birth. d. deformities of the palate. ANS: A DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual 93. Some of the long-term effects of prenatal exposure to tobacco products include a. a tendency to smoke in adulthood. b. an increased risk of conduct and other behavior problems. c. toxoplasmosis. d. depression. ANS: B DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual 94. Of the various illicit drugs, ____ clearly induces the worst physical defects on the preborn child. a. marijuana b. heroin c. cocaine d. methadone

ANS: C DIF: difficult REF: Potential Problems in Prenatal Development

MSC: Factual

- 95. Even when drugs fail to induce physical deformities, they may have harmful consequences by
 - a. producing neonatal behaviors that reduce parental bonding with the child.
 - b. deterring the infant's enrollment in daycare.
 - c. triggering attentional craving, with sibling neglect.
 - d. preventing the natural miscarriage of defective embryos.

ANS: A DIF: moderate REF: Potential Problems in Prenatal Development

- 96. Regarding alcohol, tobacco, and drugs, pregnant mothers are advised to a. consume these substances in moderation. b. abstain entirely from these substances. c. abstain from alcohol and drugs, but smoking is okay. d. abstain, unless abstinence harms relations with the father. ANS: B DIF: easy REF: Potential Problems in Prenatal Development MSC: Applied 97. Recent research has revealed that marijuana use during pregnancy a. is associated with low birth weight. b. has no noticeable effect. c. should be recommended to alleviate maternal discomfort. d. may impair the functioning of the areas of the brain responsible for emotional regulation. REF: Potential Problems in Prenatal Development ANS: D DIF: moderate MSC: Factual 98. Aspects of the postnatal environment that may influence the severity of deficits caused by prenatal exposure to cocaine include a. the quality of the home environment. b. the extent to which the father is involved in caretaking. c. the immediate response of medical personnel. d. nutrition after birth. ANS: A DIF: moderate REF: Potential Problems in Prenatal Development MSC: Conceptual 99. Evidence that radiation exposure harms the embryo or fetus came from a. experiments done with test animals. b. speculations of nuclear scientists at Los Alamos, NM. c. monster movies of the 1950s. d. deformities in children born to Japanese women following the atomic bombings of Japanese cities in World War II. ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual 100. Exposure to radiation during pregnancy is a type of a. environmental hazard. b. engrossment experience.
 - c. sexually transmitted disease.
 - d. cultural and historical variation.

ANS: A DIF: easy REF: Potential Problems in Prenatal Development

MSC: Conceptual

- 101. Pregnant women should generally avoid x-ray exposure, especially x-rays of the
 - a. neck area.
 - b. head.
 - c. forearms or hands.
 - d. pelvis and abdomen.

ANS: D DIF: easy REF: Potential Problems in Prenatal Development

MSC: Applied

- 102. Exposure to heavy metals (mercury, antimony, lead, or zinc) is known to yield all of these effects **EXCEPT** a. physical deformities. b. impaired physical health. c. mental retardation. d. faster learning. ANS: D DIF: easy REF: Potential Problems in Prenatal Development MSC: Factual 103. When the father's exposure to toxic chemicals or radiation affects the baby's prenatal development, the harmful effects most often arise from a. spouse beatings. b. psychological expectations. c. chromosomal damage in sperm cells. d. medications taken to counteract the substances' effects. ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual 104. The teratogenic pathway for environmental hazards or substances from father to mother is via a. physical touching, which facilitates substance transfer. b. conversations between husband and wife. c. chromosomal damage to the man's sperm cells. d. shared diet consumed at meals. REF: Potential Problems in Prenatal Development ANS: C DIF: easy MSC: Factual
- 105. Environmental hazards that act as teratogens include chemicals and pollutants present in all of the following EXCEPT
 - a. artificial sweeteners.
 - b. cosmetic products.
 - c. fruit juice.
 - d. food additives.

ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual

- 106. Women today are advised that during the entire pregnancy, for a healthy baby, the mother should a. lose about 10 pounds.
 - b. maintain body weight at her pre-pregnancy level.
 - c. gain no more than 10 pounds.
 - d. gain 25 to 35 pounds.

ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual

107.	As contrasted with earlier decades, women today are told to gain moderate weight (25 to 35 pounds) during pregnancy a. under no circumstances. b. to ensure that prenatal nutrition is sufficient to support prenatal growth. c. only if multiple births are anticipated. d. if the couples' older children are emaciated or weak.				
	ANS: B MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development
108.	A maternal diet that i in the unborn child. a. starchy carbohyd b. sugar or other sw c. folic acid d. fatty red meats	rates		inimize	the risk of Down syndrome or spinal tube defects
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
109.	The mother's consuma. phocomelia b. FAE/FAS c. sudden infant dea d. Down syndrome,	ath synd	Irome		is known to help prevent in the child.
	ANS: D MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
110.	The beneficial effects a. preconceptual per b. first trimester. c. second trimester. d. third trimester.		c acid on prena	tal grov	wth are especially important during the
	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
111.	The unborn child is roa. in any situation. b. when the stressfu c. when the stress is d. in no situation.	l episod	de is temporary		w harmful aftereffects to the mother's stress
	ANS: B MSC: Conceptual	DIF:	moderate	REF:	Potential Problems in Prenatal Development

112.	When stressors are prolonged or severe, the unborn child is likely to show all these symptoms EXCEPT a. premature delivery. b. stunted prenatal growth. c. regular sleep/wake cycles. d. birth complications.						
	ANS: C DIF: easy REF: Potential Problems in Prenatal Development MSC: Conceptual						
113.	Having positive social support, such as interested and supportive friends, will the harmful effects of maternal emotional stress on the fetus. a. reduce b. have no impact on c. intensify or prolong d. obscure or mask						
	ANS: A DIF: easy REF: Potential Problems in Prenatal Development MSC: Conceptual						
114.	 High levels of maternal stress are harmful to the fetus because a. maternal stress can result in postpartum depression. b. a stressed mother will not love her infant. c. stress hormones divert blood flow from the fetus and weaken the mother's immune system. d. stress can harm the mother's liver. 						
	ANS: C DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual						
115.	Temporarily stressful episodes such as a fall, argument, or frightening experience have a. been shown to stunt prenatal growth. b. few if any harmful consequences for the mother or her fetus. c. resulted in birth complications. d. been linked to changes in fetal sensory reactivity.						
	ANS: B DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual						
116.	Recently, researcher Janet DiPietro uncovered that a. maternal stress has no impact on prenatal development. b. maternal stress has a significant negative impact on prenatal growth. c. maternal stress will impair fetal development when the mother is driven to drink alcohol. d. moderate amounts of maternal stress may be necessary for healthy prenatal development.						
	ANS: D DIF: moderate REF: Potential Problems in Prenatal Development MSC: Factual						

	a. infant who was tb. infant who has ac. a newborn to oned. infant who is abo	low bir e-month	th weight. n-old infant.		
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
118.	Childbearing is safes a. 13; 20 b. 16; 35 c. 25; 40 d. 30; 45	t when	the mother's a	ge is bet	ween and years.
	ANS: B MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
119.	Teenage mothers you a. devoted, attentive b. premature delive c. increased risk that d. more educational	e husba ries of at the b	inds. low-birth-weig aby will be bor	tht babie n with t	es. he Down syndrome chromosomal defect.
	ANS: B MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development
120.	When teenage mother neonate is that a. better than b. similar to c. worse than d. unable to be com	for post	t-teenage moth		and proper attention at birth, the health of their
	ANS: B MSC: Factual	DIF:	easy	REF:	Potential Problems in Prenatal Development
121.	paternal knowled	ited, even the mot of exce lge.	en with proper her's own chro ssive attention	healthca omosomato the pa	nre.
	ANS: D MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development
122.	Chromosomal abnoration at the enage mothers by the mothers in their control of the control of th	20s. age of		ge of the	e unborn child are most likely for
	ANS: C MSC: Factual	DIF:	moderate	REF:	Potential Problems in Prenatal Development

117. A neonate is an

123.	 The majority of genetically defective embryos a. have the defects corrected prenatally and are born in normal condition. b. transmit the defects back to the uterine wall, so that embryos conceived later also share that defect. c. are born with the defective phenotypic trait. d. are spontaneously miscarried. 				
	ANS: D DIF: moderate REF: Potential Problems in Prenatal Developmen MSC: Factual				
124.	Identify the correct sequence of developmental intervals, from youngest to oldest. a. Prenatal :: infantile :: perinatal b. Infantile :: perinatal :: prenatal c. Perinatal :: prenatal :: infantile d. Prenatal :: perinatal :: infantile				
	ANS: D DIF: easy REF: Birth and the Perinatal Environment MSC: Conceptual				
125.	Labor, delivery, and afterbirth are events of a. the prenatal period. b. the perinatal environment. c. infantile nurturance. d. germinal implantation.				
	ANS: B DIF: moderate REF: Birth and the Perinatal Environment MSC: Conceptual				
126.	Uterine contractions spaced at 10- to 15-minute intervals occur a. during afterbirth. b. in the first stage of labor. c. following the expulsion of the fetus from the mother's body. d. during head crowning.				
	ANS: B DIF: moderate REF: Birth and the Perinatal Environment MSC: Factual				
127.	PRENATAL is to PERINATAL as is to a. MOTHERHOOD :: FATHERHOOD b. PERFECT :: DEFECTIVE c. REFLEX :: LEARNING d. PREGNANCY :: BIRTH				
	ANS: D DIF: difficult REF: Birth and the Perinatal Environment MSC: Conceptual				
128.	A midwife is a specialist in a. genetic counseling. b. "shotgun" forced weddings. c. perinatal activities. d. prenatal diagnostics.				
	ANS: C DIF: moderate REF: Birth and the Perinatal Environment MSC: Conceptual				
	105				

129.	Identify the correct sequence of childbirth events, from earliest to last. a. Contractions :: delivery :: afterbirth b. Afterbirth :: contractions :: delivery c. Contractions :: afterbirth :: delivery d. Delivery :: contractions :: afterbirth				
	ANS: A DIF: MSC: Factual	easy	REF:	Birth and the Perinatal Environment	
130.	Which of these events happen a. Full dilation (enlargement b. Intense, frequent uterine c. Mild, infrequent uterine d. Fetus's head positioned a	nt) of the cervix contractions contractions	g the f	irst stage of labor?	
	ANS: C DIF: MSC: Factual	moderate	REF:	Birth and the Perinatal Environment	
131.	During, the fetus is exp a. implantation b. uterine contractions c. delivery d. afterbirth	elled from the n	mother '	's body.	
	ANS: C DIF: MSC: Factual	easy	REF:	Birth and the Perinatal Environment	
132.	Which perinatal stage is compa. Labor b. Delivery c. Afterbirth d. All stages have equal dur	-	wly?		
	ANS: A DIF: MSC: Factual	easy	REF:	Birth and the Perinatal Environment	
133.	Which perinatal stage is most a. Labor b. Delivery c. Afterbirth d. All stages have equal during the stage of		ed?		
	ANS: C DIF: MSC: Factual	easy	REF:	Birth and the Perinatal Environment	
134.		-	-	their child's birth. The doctor tells them that the has entered the vagina. Nina is in the	
	ANS: B DIF: MSC: Applied	moderate	REF:	Birth and the Perinatal Environment	

135.	 35. What happens to the placenta following the delivery? a. It travels to the ovaries and wraps around them b. It becomes part of the mother's digestive tract c. It is slowly reabsorbed into the uterine lining d. It is expelled during the afterbirth stage 				
	ANS: D DIF: easy MSC: Factual	REF: Birth and the Perinatal Environment			
136.	 6. When Junior is born, he is bluish in a Junior shows all the physical signs of a. suffering form severe anoxia. b. Down syndrome. c. being a normal baby. d. trisomy-21. 	color with a flattened nose and misshapen forehead f			
	ANS: C DIF: moderate MSC: Applied	REF: Birth and the Perinatal Environment			
137.	7. For the fetus, the stressful experience of a. eliminates the weakest who are in the b. ensures that it is fully awake and reac. discourages the parents from having d. prevents the fetus from returning to	ne worst health. Indy to breathe. Is too many children.			
	ANS: B DIF: easy MSC: Conceptual	REF: Birth and the Perinatal Environment			
138.	8. Which of these is LEAST characteristica. Clean skinb. Bruises and bumpsc. Flattened nosed. Misshapen forehead	of the neonate's immediate appearance?			
	ANS: A DIF: easy MSC: Factual	REF: Birth and the Perinatal Environment			
139.	 9. The weight of the average full-term neonal. b. 6 pounds. c. 7 1/2 pounds. d. 8 1/2 pounds. 	nate is about			
	ANS: C DIF: moderate MSC: Factual	REF: Birth and the Perinatal Environment			
140.	 0. Cinderella's new baby is 20 inches long a. small b. average size c. slightly large d. exceptionally large 	, which is for a full-term neonate.			
	ANS: B DIF: moderate MSC: Applied	REF: Birth and the Perinatal Environment			
		107			

141.	Which of these is No. a. Muscle tone b. Heart rate c. Reflex irritabilit d. Attention span	J	e measureme	nts that make up the Apgar test for neonates?
	ANS: D MSC: Factual	DIF: moderat	te REF:	Birth and the Perinatal Environment
142.	The Apgar test is use a. the neonate's ph b. a couple's suitab c. the presence or a d. the neonate's lev	ysical health. pility for parentho absence of geneti	c defects.	е.
	ANS: A MSC: Factual	DIF: moderate	te REF:	Birth and the Perinatal Environment
143.		by's leg, the infa the Apgar scale. the Apgar scale. In the Apgar scale	nt pulls away.	elivery room and has turned pink all over. When a Margaret's newborn would score
	ANS: C MSC: Applied	DIF: difficult	REF:	Birth and the Perinatal Environment
144.	a. basic bodily funb. vital life signs th	ctions such as dig nat are needed for chological respon	gestion or exc survival.	e (NBAS) is applied to assess the newborn infant's retion.
	ANS: C MSC: Conceptual	DIF: moderat	te REF:	Birth and the Perinatal Environment
145.	ratings a. learn how best to b. quarrel less ofte c. feed their neona d. understand how	o respond to their n with their spous te on an optimize best to handle gr	neonate's trase. d timetable. andparents' in	ntrusions.
	ANS: A MSC: Applied	DIF: moderat	te REF:	Birth and the Perinatal Environment
146.	About percent a. 35 b. 55 c. 75 d. 95	of American mot	hers are given	n drugs during the birthing process.
	ANS: D MSC: Factual	DIF: moderat		Birth and the Perinatal Environment

147.		resemble a pair of say; it is easily misused.		s and are used to pull the head through the birth	
	ANS: B MSC: Factual	DIF: easy	REF:	Birth and the Perinatal Environment	
148.	Which two obstetrica. Vacuum extractors. Scalpel and orthors. Expirator and card. Trocar and lancers.	or and forceps opedic saw innula	help pul	I the fetus through the birth canal during delivery?	
	ANS: A MSC: Factual	DIF: easy	REF:	Birth and the Perinatal Environment	
149.	a. exhibit unmistakb. forget learned rec. emit behaviors the	lethargic during the batter signs of mental assponses acquired in that inhibit the mother red jealousy reactions	retardatione womb 's bonding	ng.	
	ANS: C MSC: Factual	DIF: moderate	REF:	Birth and the Perinatal Environment	
150.	b. painkilling analgc. the couple practi	epared childbirth, ers her neonate by he gesic drugs are given i ices exercises for wee outdoors, preferably o	n moder ks prior	to birth.	
	ANS: C MSC: Factual	DIF: easy	REF:	Birth and the Perinatal Environment	
151.	a. cultural traditionb. HMO insurancec. the couple select	aged to perform an ac as discourage or ban s rules permit charging as natural or prepared strict fathers to the wa	uch beha for this childbirt	option. h.	
	ANS: C MSC: Factual	DIF: easy	REF:	Birth and the Perinatal Environment	
152.	 The current popularity in the United States of giving birth at home is a. low, but on the rise. b. remaining stable at about 80 percent of all births. c. remaining stable at about 40 percent of all births. d. high, but falling. 				
	ANS: A MSC: Factual	DIF: difficult	REF:	Birth and the Perinatal Environment	
			1	100	

	a. unsanitary condib. unnecessary highc. absence of famild. lack of specialist	n costs. iar socia	* *	ons.	
	ANS: D MSC: Conceptual	DIF:	moderate	REF:	Birth and the Perinatal Environment
154.	"Alternative birth ce a. cost-conscious I b. hospitals or certi c. self-isolated secu d. vegetarian health	IMO instilled fied nur	surance providerse-midwives. communities.		у
	ANS: B MSC: Factual	DIF:	easy	REF:	Birth and the Perinatal Environment
155.	Following the birth, a. first six to 12 ho b. third to sixth day c. second to third v d. second to third r	urs. 7. veek.	sensitive perio	od for m	naternal bonding to the child occurs during the
	ANS: A MSC: Factual	DIF:	moderate	REF:	Birth and the Perinatal Environment
156.	Suppose that the bab to the mother's care a. the chance to lea b. the most sensitive. c. the risk of injury d. the opportunity to	on the farn to end we period we by any	ourth day, the r joy breastfeedi d for maternal t teratogens.	neonate ng.	
	ANS: B MSC: Applied	DIF:	moderate	REF:	Birth and the Perinatal Environment
157.	Early immediate conchild. a. absolutely essen b. helpful but not occounterproductive d. irrelevant	tial bligator		s f	For forming emotional bonds between mother and
	ANS: B MSC: Factual	DIF:	moderate	REF:	Birth and the Perinatal Environment
158.	MATERNITY BLU a. PRIMATE :: HU b. POSITIVE :: NE c. FATHER :: MO d. MILD :: INTEN	JMAN EGATIV THER		UM DE	PRESSION as is to
	ANS: D MSC: Conceptual	DIF:	difficult		Birth and the Perinatal Environment

153. The biggest risk/disadvantage of giving birth at home is its

139.	the birth. a. 10 b. 30 c. 50 d. 70	ostpartum depre	ssion a	ire suffered by about percent of mothers after
	ANS: A DIF: MSC: Factual	moderate	REF:	Birth and the Perinatal Environment
160.	is a strong predictor of a. Positive maternal interacts. The mother's lack of soc. A maternal diet consist d. The presence of cats with	ection with the in scial support with ing mainly of gre	fant in the	family
	ANS: B DIF: MSC: Conceptual	moderate	REF:	Birth and the Perinatal Environment
161.	The father's experience of a. is a positive fascination b. when intense, predicts c. generally triggers disap d. reflects interest in bond	with the child. ater paternal abu proval from the i	mother	r.
	ANS: A DIF: MSC: Conceptual	easy	REF:	Birth and the Perinatal Environment
162.	EMOTIONAL BONDING a. AFFECTION :: ABUS b. NURTURANCE :: NE c. BRIEF :: ENDURING d. MOTHER :: FATHER	Е	MENT	as is to
	ANS: D DIF: MSC: Conceptual	difficult	REF:	Birth and the Perinatal Environment
163.	Research suggests that fathera. will be less likely to extend to avoid engrossmentation of the control of the c	perience postpart ling of their spou ent.	um dep ises.	•
	ANS: D DIF: MSC: Factual	moderate	REF:	Birth and the Perinatal Environment
164.	A spirit of competition, jeala. sibling rivalry.b. a sensitive period.c. anoxia.d. engrossment.	ousy, and resent	ment th	hat arises between two or more siblings is known as
	ANS: A DIF: MSC: Factual NOT	easy : New	REF:	Birth and the Perinatal Environment

- 165. Which of the following children is likely to experience the LEAST sibling rivalry?
 - a. Joe, who had an insecure attachment to his mother before his baby brother was born
 - b. Jayne, who had a secure attachment but whose mother was ill after the baby was born so routines are disrupted
 - c. Miranda, who is one year old when her baby sister is born
 - d. Casey, who is three years old when her baby brother is born

ANS: C DIF: difficult REF: Birth and the Perinatal Environment

MSC: Applied NOT: New

- 166. A common cause of anoxia in the neonate is
 - a. lack of sufficient sleep following the birth.
 - b. squeezing of the umbilical cord during delivery.
 - c. mother's excessive breath-holding during delivery.
 - d. pollutants breathed by the mother the first trimester.

ANS: B DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 167. The breech position of delivery means that the fetus's is/are passed through the cervix first.
 - a. feet or buttocks
 - b. hands or arms
 - c. shoulders
 - d. head

ANS: A DIF: easy REF: Potential Problems at Birth

MSC: Factual

- 168. When anoxia is predicted to be a risk during delivery, the doctor/midwife is likely to recommend
 - a. perfusion of liquid oxygen into the womb.
 - b. early inducement of labor.
 - c. delivery via cesarean section.
 - d. maternal injection of massive doses of vitamin A.

ANS: C DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 169. Permanent brain injury is likely when the infant's brain has been oxygen-starved for as brief an interval as
 - a. 10 seconds.
 - b. one minute.
 - c. three minutes.
 - d. eight minutes.

ANS: C DIF: moderate REF: Potential Problems at Birth

170. An indirect but serious side-effect of Rh-factor blood incompatibility between mother and child is the baby's a. secure temperament. b. highly sensitive hearing. c. oxygen deprivation from anoxia. d. excessive and insatiable hunger drive. ANS: C DIF: difficult REF: Potential Problems at Birth MSC: Factual 171. Rh-incompatibility is treated with a. anesthesia. b. rhogam. c. surfactin. d. isolettes. DIF: easy REF: Birth and the Perinatal Environment ANS: B MSC: Factual NOT: New 172. Which of these is LEAST characteristic of timely (full-term) neonates at birth? a. Gestational age since conception of 35 weeks b. Average weight of 7 1/2 pounds c. Average height of 20 inches d. Free from anoxia ANS: A DIF: moderate REF: Potential Problems at Birth MSC: Conceptual OBJ: 1 173. Which neonate is relatively SMALLEST in weight for its gestational age since conception? a. Timely b. Preterm c. Small for date d. Postmature ANS: C REF: Potential Problems at Birth DIF: easy MSC: Factual 174. neonates have shown prenatal growth at the usual rate but were delivered too early. a. Preterm b. Small-for-date c. Timely d. Postmature

ANS: A DIF: moderate REF: Potential Problems at Birth

MSC: Conceptual

- 175. Which of these is LEAST related to low birth weight of the neonate?
 - a. Mother smokes or consumes alcohol heavily
 - b. Mother has low income and is from an ethnic minority
 - c. Twins, triplets, or quadruplets were delivered
 - d. Mother is calm and free from stress

ANS: D REF: Potential Problems at Birth DIF: easy

- 176. The correlation between birth weight and the likelihood of infant death is
 - a. positive; heavier babies have greatest death risk.
 - b. nonexistent; birth weight is unrelated to death risk.
 - c. negative; the lightest babies have the greatest death risk.
 - d. unknown for human infants.

ANS: C DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 177. Which statement about isolettes is FALSE?
 - a. Parents cuddle and hug their neonate in the isolette.
 - b. The isolette protects the neonate from infections.
 - c. Cleaning, feeding, and diaper changing is done through a hole in the isolette.
 - d. Preterm neonates are nurtured in the isolette.

ANS: A DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 178. In addition to their physical health problems, preterm babies are difficult to raise because they
 - a. emit behaviors that aggravate their caregivers.
 - b. habitually crawl away from adults, then get "lost."
 - c. rarely ever recover fully from their chronic diarrhea.
 - d. hold their breath to gain resuscitative attention.

ANS: A DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 179. At hospitals, parents today are encouraged to _____ their hospitalized preterm neonate.
 - a. visit frequently with
 - b. teach traditional male/female gender roles to
 - c. instruct hospital staff on care preferences for
 - d. delegate to staff all decisions on nurturant care for

ANS: A DIF: moderate REF: Potential Problems at Birth

MSC: Factual

- 180. What is known about the long-term prognosis for development of low-birth-weight babies?
 - a. They are doomed to a lifetime of retardation
 - b. Enriched later environments can compensate for deficits
 - c. The notion of a "self-righting tendency" is a delusion
 - d. Very few low-birth-weight babies survive to age three

ANS: B DIF: moderate REF: Potential Problems at Birth

- 181. Low-birth-weight babies of educated parents are resilient and improve on intellectual deficits, while similar kids born to parents with less education. This outcome implies that
 - a. the quality of the postnatal environment can have a strong influence on the extent to which the development of low-birth-weight babies will be compromised.
 - b. the healthcare available to healthy families provides effective treatment of low birth weight.
 - c. low-income parents ignore the results of the Apgar test.
 - d. reflexes are deficient in poor children.

ANS: A DIF: moderate REF: Potential Problems at Birth

MSC: Conceptual NOT: New

- 182. Which birth defect can best be reversed by later enriched experiences or diet?
 - a. Neonatal low birth weight
 - b. Blindness caused by rubella
 - c. Mental retardation from anoxia
 - d. Mental retardation from fetal alcohol syndrome

ANS: A DIF: difficult REF: Potential Problems at Birth

MSC: Factual

- 183. Children respond variously to teratogens or to other harmful influences of early development. The variations of outcomes attest that
 - a. religious faith is essential to overcome disability.
 - b. individual differences among children are important.
 - c. the so-called "self-righting tendency" is a myth.
 - d. nature is developmental destiny.

ANS: B DIF: moderate

REF: Applying Developmental Themes to Prental Development and Birth

MSC: Conceptual

- 184. When we recall that prenatal development affects a child's future physical, emotional, and cognitive development, this is an example of
 - a. the developmental theme of the active child.
 - b. qualitative stage progression.
 - c. the holistic nature of child development.
 - d. biological determinism.

ANS: C DIF: difficult

REF: Applying Developmental Themes to Prenatal Development and Birth

MSC: Conceptual

185. Which of the following is NOT an example of qualitative stage progression?

a. Endoderm :: mesoderm :: ectoderm

b. Zygote :: embryo :: fetus

c. First :: second :: third trimesters

d. Labor :: birth :: afterbirth

ANS: A DIF: difficult

REF: Applying Developmental Themes to Prenatal Development and Birth

MSC: Applied

SHORT ANSWER

1. Identify the three stages of prenatal development, and indicate the timespan that each stage covers.

ANS: Answer not provided.

DIF: moderate REF: From Conception to Birth MSC: Conceptual

2. The outer layer of the blastocyst forms four major support structures that protect and nourish the developing embryo or fetus. Name each structure, and explain its function.

ANS: Answer not provided.

DIF: difficult REF: From Conception to Birth MSC: Factual

3. Describe the process of sexual development that occurs during the prenatal period.

ANS: Answer not provided.

DIF: difficult REF: From Conception to Birth MSC: Conceptual

4. Describe fetal development during the second and third trimesters, and explain the term "age of viability."

ANS: Answer not provided.

DIF: difficult REF: From Conception to Birth MSC: Factual

5. Define the term "teratogen," and list eight generalizations about the effects of teratogens.

ANS: Answer not provided.

DIF: difficult REF: Potential Problems in Prenatal Development

MSC: Factual

6. Use the concept of sensitive period to explain why the developing baby is most vulnerable to the effects of teratogens during the embryonic stage of prenatal development.

ANS: Answer not provided.

DIF: easy REF: Potential Problems in Prenatal Development

MSC: Conceptual

7. Alcoholic beverages now carry a government warning that states, "Women should not drink alcoholic beverages during pregnancy because of the risk of birth defects." What types of defects have been associated with heavy alcohol consumption during pregnancy? What types of defects have been associated with social drinking during pregnancy?

ANS: Answer not provided.

DIF: moderate REF: Potential Problems in Prenatal Development

8. Physicians now routinely advise pregnant women to stop smoking, at least during the pregnancy. What impact does exposure to cigarette smoke have on the developing embryo or fetus?

ANS: Answer not provided.

DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Factual

9. Maternal malnutrition can disrupt prenatal development. What is the likely developmental outcome if the mother is malnourished during the first trimester? What is the likely developmental outcome if the mother is malnourished during the third trimester?

ANS: Answer not provided.

DIF: difficult REF: Potential Problems in Prenatal Development

MSC: Factual

10. Describe the ways in which the virus causing genital herpes infect the fetus or newborn. What can be the consequences of such infection be?

ANS: Answer not provided

DIF: difficult REF: Potential Problems in Prenatal Development

MSC: Conceptual

11. Discuss the implications that a woman's age has for childbirth.

ANS: Answer not provided

DIF: easy REF: Potential Problems in Prenatal Development

MSC: Factual

12. Compare and contrast fetal alcohol syndrome (FAS) and fetal alcohol effects (FAE).

ANS: Answer not provided

DIF: moderate REF: Potential Problems in Prenatal Development

MSC: Conceptual

13. Identify the three stages of childbirth, and indicate what occurs during each stage.

ANS: Answer not provided.

DIF: easy REF: Birth and the Perinatal Environment

MSC: Factual

14. Explain how the Neonatal Behavioral Assessment Scale (NBAS) differs from the Apgar test.

ANS: Answer not provided.

DIF: difficult REF: Birth and the Perinatal Environment

15. What are the pros and cons associated with administering medications to the mother during the birthing process?

ANS: Answer not provided.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Conceptual

16. Describe alternatives to a standard hospital birth.

ANS: Answer not provided.

DIF: easy REF: Birth and the Perinatal Environment

MSC: Factual

17. Describe postpartum depression, and identify the factors that have been related to its development.

ANS: Answer not provided.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Conceptual

18. Discuss the Apgar test, including the different characteristics evaluated and what the different scores tell us about the newborn baby.

ANS: Answer not provided

DIF: difficult REF: Birth and the Perinatal Environment

MSC: Factual

19. What is known about sibling rivalry and how it might be minimized?

ANS: Answer not provided

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Applied

20. Briefly discuss some of the cultural variations in childbirth noted in the text.

ANS: Answer not provided

DIF: easy REF: Birth and the Perinatal Environment

MSC: Factual

21. Define anoxia, and identify three conditions that might produce it.

ANS: Answer not provided.

DIF: moderate REF: Potential Problems at Birth MSC: Conceptual

22. Explain how Rh-incompatibility can result in anoxia.

ANS: Answer not provided.

DIF: difficult REF: Potential Problems at Birth MSC: Conceptual

NOT: New

23. Explain the distinction between preterm and small-for-date infants.

ANS: Answer not provided.

DIF: easy REF: Potential Problems at Birth MSC: Conceptual

24. Identify short-term and long-term consequences of low birth weight.

ANS: Answer not provided.

DIF: moderate REF: Potential Problems at Birth MSC: Factual

25. Give an example of the active child theme from prenatal development

ANS: Answer not provided.

DIF: difficult REF: Applying Developmental Themes to Prenatal Development and Birth

MSC: Applied NOT: New

ESSAY

1. List and briefly describe the three periods of prenatal development, noting the event that marks the beginning of each period.

ANS: The germinal period begins with conception, which typically occurs in the fallopian tube. The conceived zygote begins to divide, forming a blastocyst, which continues to divide and grow as it moves down the fallopian tube to the uterus. The embryonic period begins with implantation of the blastocyst in the uterus. Cell differentiation continues at a rapid pace, and toward the end of the embryonic period, the embryo appears distinctly human in form. The indifferent gonad also develops toward the end of this period. The fetal period begins at the two-month point and continues until birth. Differentiation of body structures continues throughout, and the developing child typically reaches the age of viability at 22 to 28 weeks after conception.

DIF: easy REF: From Conception to Birth MSC: Conceptual

- 2. Harriet and Al decided to have children soon after they were married. But, as it happened, it was nearly four years later that Harriet missed a menstrual period and thus allowed her hopes to rise. When she went to her obstetrician a couple of weeks later, tests confirmed that she was pregnant. But not long after that, Harriet's baby "spontaneously" aborted. (a) Discuss possible natural causes for the spontaneous abortion. (b) List possible teratogenic causes. (c) By analogy to "postpartum depression," what emotional effects would you expect Harriet to experience?
 - ANS: (a) Natural causes include abnormal implantation of the embryo, burrowing of the embryo into a site incapable of sustaining it, malformation or immature development of the embryo, and genetic abnormality of the embryo. (b) Many teratogens have the potential to cause damage that trigger spontaneous abortion. The more likely ones are chicken pox, cytomegalovirus, hypertension, influenza, mumps, smallpox, hallucinogens, tobacco, and radiation. (c) Given the degree of enthusiasm over the pregnancy, Harriet might well mirror the effects of postpartum depression, especially if she comes to believe that she somehow caused the abortion. Her symptoms could include depression, irritability, and generalized hopelessness and despair.

DIF: difficult REF: From Conception to Birth MSC: Application

3. Should mothers take drugs and medications during pregnancy? Why or why not? What accounts for the fact that not every embryo or fetus exposed to a potential teratogenic agent is adversely affected or experiences the same effects?

ANS: A quick scan of the list of drugs and medications that can damage the developing child yields a simple "no," since even commonly used drugs such as aspirin, vitamins, and tobacco can be very harmful. Alcohol consumption is especially dangerous to the child. Even prescription medication should be taken only when it is essential to treat a medical condition in the mother or developing child. Teratogens are generally most harmful during the embryonic period, which means, among other things, that many mothers consume potential teratogens prior to knowing that they are pregnant. Women who are trying to get pregnant should avoid potential teratogenic agents if possible. The timing of exposure, "dosage," duration of exposure, and genetic vulnerability are all factors that can influence whether there will be adverse effects, how severe those effects are, and what they will be.

DIF: easy REF: Potential Problems in Prenatal Development

TOP: CONCEPTUAL ESSAY QUESTIONS MSC: Conceptual

4. The emotional well-being of pregnant women has been found to have a significant impact on prenatal development. Describe the most common consequences of maternal stress for the developing offspring, and discuss the mechanisms by which this negative influence is exerted.

ANS: Emotional stress results in a state of arousal that involves the secretion of various hormones. These hormones are able to cross the placenta and enter the fetus's bloodstream, causing arousal and potentially resulting in changes in heart rate and motor activity. When maternal stress is prolonged and severe, various harmful consequences may emerge, including stunted growth, premature delivery, and irregular behavior patterns. Maternal stress can also continue to influence the course of development after birth, by impairing the mother's ability to provide adequate care and nurturing to the infant.

DIF: difficult REF: Potential Problems in Prenatal Development

5. Briefly discuss natural or prepared childbirth and home delivery, noting the advantages and disadvantages of each.

ANS: Natural or prepared childbirth can involve standard delivery room procedures or the use of a birthing room. Typical considerations are that the mother receives advance training in relaxation and birth-related exercises, the father is present in the delivery room as a "coach," and medication is avoided or minimized. Thus, the mother is awake, and both parents may experience more engrossment with the newborn child. Also, the child is born alert, without the sedative effects of medication. Disadvantages are that the mother may experience considerable pain in spite of the advance training, and from a hospital point of view, the procedure is not as efficient. Home delivery typically includes natural childbirth advantages, plus delivery of the child in a more relaxing and familiar setting. Disadvantages are that it may be difficult to find an obstetrician who endorses home delivery, and any medical complications that arise are not as likely to receive prompt treatment and medical attention.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Conceptual

6. Janet and Steve had their first child two months ago. Steve is getting impatient with Janet because she cries frequently and has little energy or enthusiasm for anything. Although neither Janet nor Steve knows it, Janet is probably experiencing extended postpartum depression. (a) What factors have been found to contribute to extended postpartum depression? (b) What general approaches might be helpful for Janet in getting over her depression?

ANS: (a) Predisposing factors include sedative medications administered during birth making both mom and baby unresponsive initially, a negative attitude toward the pregnancy, and absence of the father during the birth. After childbirth, contributing factors might include such things as attention shifting from the "pregnant" woman to her infant, leaving her needs unfulfilled; hormonal changes following birth; lack of emotional support from the husband; and a negative attitude toward the marriage. (b) General kinds of approaches include providing emotional support, encouraging her to talk about her feelings, and assuring her that she is not unusual in having this kind of reaction. Support from other mothers can be helpful.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Application

7. Don and Louise attended "natural" childbirth classes, and Don was present throughout Louise's labor and delivery of their son. During labor, Don served as a coach, helping Louise relax as much as possible and control her breathing, and reminding her not to push until it was time to deliver the baby. During delivery, Don stood at the head of the table and gave Louise emotional support. After their son was born, Don was allowed to carry him down the hall to Louise's room. Later, Don described the overall experience as thoroughly profound and joyous, and he became fond of relating how he felt when he first gazed into his son's wide-open and inquiring eyes. (a) Discuss Don's feelings in terms of engrossment. (b) What long-range effects might this have on Don's interactions with his son? (c) How might medication and traditional childbirth procedures have interfered?

ANS: (a) Don apparently became thoroughly engrossed with his son as a result of participation, with predictable effects such as strong emotional bonding and attachment (also as a result of subsequent interactions with the child). He apparently remembers the experience very positively and vividly. (b) Through the sense of belongingness established during the events surrounding his son's birth, Don was off to a good start in being actively involved with his newborn, especially with regard to feeling that he was directly responsible in helping his son begin life. (c) Traditional childbirth procedures would have precluded the extent of early contact both for Don and for Louise. For example, she would probably have been too medicated to be fully aware of what was going on, therefore precluding their sharing of the experience. Moreover, medications for the mother also affect the neonate, which means that the child would have displayed drowsiness and perhaps irritability and unresponsiveness that would have made the experience less positive.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Application

8. After giving birth, Britney took part in a study in which she saw her baby briefly after delivery, visited with him six to 12 hours later, and had half-hour feeding sessions every four hours thereafter for the remainder of a three-day hospital stay. Another mother in the study was in an "extended contact" group of women who were permitted five "extra" hours a day to cuddle her baby, including an hour of skin-to-skin contact that took place within three hours of birth. What might the implications of this difference in "contact" be for the emotional bonding of mother and baby? Discuss related findings from the text.

ANS: Developmentalists have suggested that the first six to 12 hours after birth are a sensitive period for emotional bonding, when the mother is especially ready to respond to and develop a strong sense of affection for her baby. In one study, half of a group of new mothers follow the then-traditional hospital routine: they saw their babies briefly after delivery, visited with them six to 12 hours later, and had half-hour feeding sessions every four hours thereafter for the remainder of a three-day hospital stay. The other mothers were in an "extended contact" group and were permitted five "extra" hours a day to cuddle their babies, including an hour of skin-to-skin contact that took place within three hours of birth.

In a follow-up one month later, mothers who had been allowed early extended contact with their babies appeared to be more involved with them and held them closer during feeding sessions than did mothers who had followed the traditional hospital routine. One year later, the extended-contact mothers were still more highly involved caregivers, and their one-year-olds outperformed those in the traditional-routine group on tests of physical and mental development. This doesn't mean that mothers who have no early contact with their newborns miss out on forming the strongest possible emotional ties to them. Later research has shown that early contact effects are nowhere near as significant or long-lasting as originally thought. Even though early contact can be very pleasant and can help a mother begin to form an emotional bond with her child, it is not essential to do so.

Based on this evidence, Britney may be a less involved caregiver as her baby develops than the extended contact mother, but it need not necessarily be that way.

DIF: moderate REF: Birth and the Perinatal Environment

MSC: Application

9. Contemporary research indicates that the short-term effects of perinatal complications such as low birth weight can typically be overcome by environment; discuss what aspects of environment have been found to be effective in this respect.

ANS: (1) Low-birth-weight babies are often difficult to love (due to their being relatively unattractive and hard to comfort), thus parents may become emotionally detached. Information and special training for parents is helpful. (2) Traditional hospital procedures allow only minimal contact with babies of low birth weight, but research now indicates that such babies become less irritable and more responsive (and also show quicker neurological development) if they are periodically handled and soothed by their mothers. (3) In general, stable and highly supportive homes foster healthy emotional attachments of low-birth-weight babies to their mothers and tend to preclude serious intellectual impairment or learning difficulties. (4) In general, more supportive and stimulating home environments help low-birth-weight babies overcome early intellectual deficits; less stimulating and supportive home environments tend to perpetuate intellectual deficits.

DIF: moderate REF: Potential Problems at Birth MSC: Conceptual

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10. This chapter offers examples of three different "qualitative stage progessions." What is qualitative stage progession? Briefly outline and discuss the different qualitative stage progessions from the chapter.

ANS: Qualitative changes are changes in form or kind—changes that make the individual fundamentally different in some way than he or she was earlier. The transformation of a tadpole into a frog is a qualitative change. Similarly, an infant who lacks language may be qualitatively different from a preschooler who speaks well, and an adolescent who is sexually mature may be fundamentally different from a classmate who has yet to reach puberty. Discontinuity theorists tend to portray development as a sequence of qualitative changes. Discontinuity theorists are the ones who claim that we progress through developmental stages, each of which is a distinct phase of life characterized by a particular set of abilities, emotions, motives, or behaviors that form a coherent pattern.

We encountered three different qualitative stage progressions in this chapter. First, the developing organism proceeds through three qualitatively distinct stages in prenatal development: the zygote, the embryo, and the fetus. Second, the pregnant woman goes through three qualitatively distinct stages during pregnancy: the first, second, and third trimesters. (And remember that the stages of the developing organism do not correspond chronologically to the pregnant woman's stages.) Finally, we saw that the birth process can be divided into three qualitatively distinct stages: labor, birth, and afterbirth. As usual, however, we can also see quantitative change in prenatal development. For example, the period of the fetus consists mainly of quantitative changes as the organism grows in size and refines the structures and functions that first develop in the period of the embryo.

DIF: difficult REF: Applying Developmental Themes to Prenatal Development and Birth