# <u>Motherwell Maternity</u> <u>Fitness Plan</u>

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### HOW TO COMPLETE THIS PROGRAM

Thank you for choosing Exercise ETC's home study for your continuing education needs.

To earn your CEC's/CEU's you will need to read the enclosed book, <u>Motherwell</u> <u>Maternity Fitness Plan</u>. After you have read the book, complete the test questions and record your answers on the enclosed answer sheet. Remember to choose the best or most correct answer. Finally, mail the test answer sheet and the evaluation form back to Exercise ETC. The address is:

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We will correct your test, and assuming that you get at least 70% correct, we will mail you your CEC/CEU certificate. Please allow a minimum of 30 days for the receipt of your certificate. If you have less than 70% correct, you will need to redo the program in order to qualify for the CEC's/CEU's.

Good luck! If you have any questions or comments, please feel free to call us anytime at 1-800-244-1344.



### LEARNING OBJECTIVES

After reading *Motherwell Maternity Fitness Plan*, the participant will be able to:

- 1. Understand how to achieve proper body alignment.
- 2. Understand how back discomfort can be prevented.
- 3. Explain the recommended exercise intensity level for pregnant women.
- 4. Understand the importance of weight training for pregnant women.
- 5. Identify the muscles involved in core stability and spinal alignment.
- 6. Understand what causes wrist discomfort and how to alleviate it.
- 7. Identify the pelvic floor exercises used to develop core and pelvic muscles.
- 8. Understand the changes in circulation that occurs during pregnancy.
- 9. Explain the importance of the cool down after exercise.
- 10. Explain how to perform an effective cool down.
- 11. Understand the changes in the gastrointestinal system that occurs during pregnancy.
- 12. Understand the changes in the cardiovascular system that occurs during pregnancy.
- 13. Identify the musculoskeletal discomfort that can occur during pregnancy.
- 14. Understand the affects of the hormone relaxin on joints and cartilage.
- 15. Explain the benefits of exercise during pregnancy.
- 16. Explain the blood pressure and heart rate changes that occur during pregnancy.
- 17. Explain techniques used to help avoid injury risk while exercising during pregnancy.
- 18. Understand the postural changes that occur during pregnancy.
- 19. Explain correct lifting techniques.
- 20. Explain the purpose of diaphragmatic breathing.
- 21. Understand the importance of increasing calorie intake during pregnancy.
- 22. Explain how to prevent occurrences of hypoglycemia.
- 23. Explain the 80/20 rule used to guide diet choices during pregnancy.
- 24. Understand the benefits of performing water exercise.
- 25. Explain how to measure exercise intensity during pregnancy.
- 26. Explain when a pregnant woman needs to discontinue her exercise session.
- 27. Identify the symptoms of overtraining.
- 28. Understand the changes in dietary mineral requirements that occur during pregnancy.



#### CEC/CEU TEST FOR: Motherwell Maternity Fitness Plan

Please choose the best answer. Put all answers on the answer sheet.

# 1. It is important for women to adopt a healthy lifestyle before conceiving because \_\_\_\_\_.

- A. Exercising strenuously can help a woman get pregnant easier
- B. Stringent dieting before pregnancy can help prevent excessive weight gain
- C. Developing a healthy lifestyle before pregnancy helps support fetal growth and development during pregnancy.
- D. All of the above.

# 2. Before conceiving a woman's health care provider may recommend that she \_\_\_\_\_.

- A. Take prenatal vitamins to help insure a healthy pregnancy
- B. Discontinue taking any over-the-counter multi-vitamins
- C. Lose any excess weight to prevent obesity during pregnancy
- D. Discontinue doing any exercise except walking
- 3. To help prepare for a healthy pregnancy, a woman should consider all of the following recommendations except:
  - A. Eat lots of red meat to increase protein intake
  - B. Eat lots of fruits and vegetables
  - C. Stop smoking cigarettes or take a smoking cessation class
  - D. Have any x-rays or diagnostic tests done before becoming pregnant

#### 4. Walking daily is recommended in order to \_\_\_\_\_ and \_\_\_

- A. Burn calories; prepare the body for pregnancy related changes
- B. Build stamina; lost weight
- C. Elevate mood; lose weight
- D. Elevate mood; prepare the body for pregnancy related changes

#### 5. When walking, proper body alignment consists of keeping \_\_\_\_

- A. The shoulders over the hips, ears over the shoulders, and the chin up
- B. The shoulders in front of the hips, ears over the shoulders, and the chin up to align the neck with the spine
- C. The shoulders over the hips, the ears over the shoulders, and the chin tucked in to align the neck with the spine
- D. The shoulders over the hips, the neck flexed slightly forward and the chin held up

- 6. When doing aerobic exercise before becoming pregnant, a woman should exercise at \_\_\_\_\_.
  - A. Maximal intensity
  - B. Minimal intensity
  - C. Any comfortable intensity
  - D. Moderate intensity

# 7. When performing strength training while trying to conceive, it is recommended that \_\_\_\_\_.

- A. Heavy weight be used to build strength
- B. Light or very light weight be used with no increase in sets or reps
- C. Strength be maintained by reducing the weight and increasing the reps
- D. Weight lifting should be avoided until after delivery
- 8. When trying to become pregnant women should limit their time in hot tubs and saunas because \_\_\_\_\_.
  - A. Spending time a hot tub or sauna can result in dehydration that during the early weeks of pregnancy could possibly result in birth defects
  - B. Spending time in a hot tub or sauna can cause an elevated internal body temperature that during the early weeks of pregnancy may contribute to birth defects of the spine
  - C. Exposure to viruses and bacteria in hot tubs or saunas could cause illness that could contribute to birth defects
  - D. A wet environment could be hazardous due to the possibility of a fall

#### 9. The core is defined as the \_

- A. The lower part of the body consisting of the muscles of the legs
- B. Abdominal muscles only
- C. The central part of the body consisting of all muscles that support the spine
- D. The upper part of the body consisting of the muscles of the chest and back

#### 10.Stability is defined as \_\_\_\_\_.

- A. The ability of the body to maintain or return to a state of equilibrium
- B. The ability of the body to shift from equilibrium
- C. The ability to bear weight on both feet equally
- D. The ability to balance and stand on one leg

#### 11. Which muscles respond first to keep the spine aligned?

- A. Shoulder muscles and chest muscles
- B. Gluteal muscles
- C. Abdominal muscles
- D. Deep muscles of the spine and abdominal muscles

# 12.It is important to strengthen the muscles of the core in order to \_\_\_\_\_ and to \_\_\_\_\_.

- A. Help the abdomen maintain its strength; make it easier for the abdomen to return to its pre-pregnancy shape
- B. Strengthen the superficial muscles of the spine; prevent spinal overload from the growing uterus
- C. Improve comfort and function; prevent back injury
- D. Improve posture; prevent hyperextension in the lower back

#### 13."To move from the core" means \_\_\_\_

- A. The deep muscles of the spine and the abdominal muscles that support the spine respond first to movement to keep the spine in alignment
- B. The superficial muscles of the spine respond first to movement to support the spine and keep it in alignment
- C. The nervous system responds to movement and recruits the superficial muscles to keep the spine in alignment
- D. The deep muscles of the spine and the superficial muscles of the back respond first to movement to keep the spine in alignment

#### 14.Wrist sensitivity during pregnancy is caused by \_\_\_\_\_.

- A. Diuresis
- B. Fluid retention
- C. Dehydration
- D. Weak muscles

#### 15. How do you alleviate wrist discomfort when in a tabletop position?

- A. Make a fist and rest on the backs of the hands
- B. Lower body onto the forearms
- C. Perform the exercise from the fingertips
- D. Both A and B

#### 16. Which exercise is associated with core strengthening?

- A. Toe raises
- B. Heel raises
- C. Balancing sunbird
- D. Bicep curls

#### 17.In the tabletop position \_\_\_\_

- A. The abdominal muscles should be engaged
- B. The back should be slightly curved
- C. The back should be slightly flexed
- D. The shoulders should be hiked

#### 18.When performing "lying spinal twists" the shoulders should \_\_\_\_\_.

- A. Stay on the floor at all times
- B. Stay elevated directly under the ears
- C. Turn side to side following the movement of the knees
- D. Push down to lengthen the neck

# 19. When performing the sitting spinal twists with the arms overhead, the stretch should be felt \_\_\_\_\_.

- A. In the neck
- B. In the shoulders
- C. From the hips to the finger tips
- D. From the hips to the feet

## 20.Which of the following exercises is used to develop core and pelvic muscles?

- A. Clam shells
- B. Roll ups
- C. Kegel exercises
- D. Sitting spinal twists

#### 21.Kegel exercises have been shown to \_\_\_\_\_

- A. Increase incontinence during and after pregnancy
- B. Strengthen the abdominal muscles
- C. Increase the possibility of bowel problems
- D. Prevent urine leakage during and after pregnancy

#### 22.Stretching after an exercise session helps \_\_\_\_\_

- A. Prevent muscle soreness and enhance muscle recovery
- B. Reduce swelling in muscles and joints
- C. Increase muscle strength
- D. Increase muscle tone

# 23.During pregnancy, the increase in stress that occurs on the back muscles, hips and groin comes from \_\_\_\_\_.

- A. Increased fat stores
- B. Increased blood volume
- C. Increased joint swelling
- D. Increased weight of the uterus

# 24.Performing a stretch seated on a mat with the legs extended to the front and the arms reaching forward will \_\_\_\_\_.

- A. Strengthen the hamstrings
- B. Strengthen the gastrocnemius
- C. Stretch the hamstrings
- D. Stretch the quadriceps

#### 25. How can the quadriceps stretch be modified?

- A. Use a strap or towel to reach the ankle
- B. Perform seated
- C. Perform supine
- D. Perform with the knee slightly flexed

#### 26.When performing the squatting stretch, the hands can be \_\_\_\_\_.

- A. Held straight out to the front
- B. On the floor or together in front of the heart
- C. Held straight out by the sides parallel to the floor
- D. Anywhere that is comfortable

### 27.When stretching the hip flexors while kneeling, what modification will increase comfort?

- A. Use a towel or blanket roll under the knee
- B. Perform kneeling on a step
- B. Slightly elevate the knee off the floor
- C. Hold the position for one breath

# 28.When can the "elevated leg stretch on the wall" flexibility exercise be performed?

- A. Only in the first trimester
- B. In the second trimester
- C. In the third trimester
- D. Before pregnancy, first trimester, or postpartum

#### 29. The cool down is just as important as the warm up because \_\_\_\_\_\_.

- A. When exercise stops, the blood pools in the lower extremities
- B. It helps prevent dizziness and possible fainting
- C. It helps re-establish circulation which brings oxygen and nutrients to the muscles
- D. All of the above

#### 30. During pregnancy circulation tends to \_\_\_\_\_.

- A. Become faster
- B. Not change at all
- C. Increase in the internal organs
- D. Become sluggish

#### 31. Where does the blood accumulate when blood pooling occurs?

- A. In the internal organs
- B. In the legs and ankles
- C. In the arms and torso
- D. In the heart

# 32.Pregnant women are advised to avoid motionless standing for a long time because \_\_\_\_\_.

- A. It can put additional stress on the heart
- B. Less oxygen travels to the brain and to the fetus
- C. It can cause fainting or dizziness
- D. All of the above

#### 33.One purpose of the cool down is to \_\_\_\_\_

- A. Increase heart rate
- B. Re-establish circulation
- C. Increase respiration rate
- D. Increase blood pressure

#### 34. What are the parts to an effective cool down according to Berk?

- A. Slow down aerobic exercise
- B. Decrease heart rate and respiration rate
- C. Rest body with conscious breathing and relaxation
- D. All of the above

#### 35.After completing the cool down, a pregnant woman should \_\_\_\_\_.

- A. Stand up quickly
- B. March in place for several minutes
- C. Walk around slowly
- D. Do a few minutes of aerobic exercise

### 36.After completing an exercise session a pregnant women should replenish fluids immediately and eat a meal or snack \_\_\_\_\_.

- A. Within 3 hours after exercising
- B. Within 2 hours after exercising
- C. Within 1 hour after exercising
- D. Within 4 hours after exercising

#### 37. What happens to the gastrointestinal system during pregnancy?

- A. It becomes faster
- B. It stays the same
- C. It stops functioning
- D. It slows down

#### 38.Cardiovascular changes that occur during pregnancy include \_\_\_\_\_

- A. Increase in blood volume
- B. Blood vessels constrict
- C. Blood vessels dilate
- D. Both A and C

# 39.Two of the most common digestive problems that occur during the first 20 weeks of pregnancy are \_\_\_\_\_.

- A. Nausea and vomiting
- B. Diarrhea and vomiting
- C. Stomach pains
- D. Diarrhea and nausea

#### 40.Musculoskeletal discomforts include \_\_\_\_\_.

- A. Carpal tunnel syndrome
- B. Less tolerance to heat
- C. Upper and lower back discomfort
- D. Both A and C

#### 41. During pregnancy the enlarged uterus can cause \_\_\_\_\_.

- A. Ankle swelling
- B. Excess weight gain
- C. Shortness of breath and rib cage discomfort
- D. Joint injury

# 42.All of the following are valid strategies to help provide relief from nausea and vomiting except \_\_\_\_\_.

- A. Sucking on ice cubes or an ice popsicle
- B. Eating large meals 3 times a day
- C. Wearing a sea band
- D. Sniffing or sucking on lemons

# 43.Which hormone that is secreted during pregnancy softens cartilage and affects all joints?

- A. Insulin
- B. Estrogen
- C. Relaxin
- D. Cortisol

# 44.Which of the following is recommended to help prevent joint injury during pregnancy?

- A. Never stretch the legs or hips
- B. Avoid making quick changes in direction when walking or exercising
- C. Include daily activities that require bouncing at the knees
- D. Avoid lower back and abdominal strengthening exercises

#### 45.Hormonal influences may cause an increased appetite, which leads to

- A. Excess weight gain
- B. Excess weight loss
- C. Swollen ankles
- D. Swollen fingers and face

#### 46. The hormone \_\_\_\_\_\_ can slow the digestive tract which may result in

- A. Progesterone; constipation
- B. Relaxin; diarrhea
- C. Relaxin; constipation
- D. Estrogen; diarrhea

#### 47.To increase sluggish circulation, pregnant women should \_\_\_\_\_

- A. Sit for 20 min at a time or longer
- B. Exercise at least 30 minutes on most days of the week
- C. Stand for longer than 15 minutes at a time
- D. Stay supine for 20 min at a time

### 48.Drinking 8 to 10 glasses of water a day and eating high fiber foods may help to prevent \_\_\_\_\_

- A. Heartburn
- B. Ankle swelling
- C. Constipation and hemorrhoids
- D. Excess weight gain

#### 49.Regular exercise has been shown to \_\_\_\_

- A. Decrease the severity of varicose veins
- B. Increase the severity of varicose veins
- C. Increase weight gain
- D. Decrease circulation

#### 50. Heart rate increases at the end of the second trimester by \_\_\_\_\_.

- A. 5 bpm
- B. 20-25 bpm
- C. 10-15 bpm
- D. 30 bpm

### 51.Blood pressure tends to decrease during pregnancy due to higher levels of \_\_\_\_\_.

- A. Relaxin
- B. Stress
- C. Progesterone
- D. Insulin

#### 52.Leg cramps can be caused by \_\_\_\_\_.

- A. Slowed circulation
- B. Calcium deficiency
- C. Too many carbonated beverages
- D. All of the above

#### 53. Headaches during pregnancy may be relieved by \_\_\_\_\_.

- A. Exercise
- B. Pressure point massage
- C. Aspirin
- D. Cold packs on the forehead

#### 54. The earlier abdominal strengthening is performed \_\_\_\_\_\_.

- A. The higher the risk for developing low back pain
- B. The higher the risk for developing upper back pain
- C. The lower the risk for developing low back pain
- D. The lower the risk for developing upper back pain

### 55.One way to relieve carpal tunnel syndrome is to include \_\_\_\_\_ in the exercise program.

- A. Wrist circles
- B. Bicep curls
- C. Pull ups
- D. Hand stretches

#### 56.One of the most common causes of premature labor is \_\_\_\_\_.

- A. Urinary tract infections
- B. Urinary incontinence
- C. Frequent emptying of the bladder
- D. Kegel exercises

#### 57.Torso stretches assist in \_\_\_\_

- A. Helping breathing to become easier
- B. Enlarging the diaphragm
- C. Re-aligning the rib cage
- D. Creating more room for the uterus

### 58.As pregnancy advances, the curve which naturally exists in the upper back \_\_\_\_\_.

- A. Is less pronounced due to the enlarged uterus
- B. Is more pronounced due to increased breast weight
- C. Is not affected by the pregnancy
- D. Becomes straighter and is less pronounced

#### 59. The enlarged uterus causes \_\_\_\_\_.

- A. Decreased lumbar spine curve accentuation
- B. Decreased cervical spine curve accentuation
- C. Increased cervical spine curve accentuation
- D. Increased lumbar spine accentuation

#### 60.Good sitting posture consists of \_\_\_\_\_.

- A. Knees at 45 degrees either at or above hip level
- B. Knees at 90 degrees either at or above hip level
- C. A slight outward curve in the lower back
- D. No curvature in the lower back

#### 61.What is the key to chronic low back problems?

- A. A sedentary lifestyle
- B. Lifting heavy weights
- C. Poor body mechanics
- D. Standing on a hard surface for long periods

#### 62.Proper lifting mechanics include \_\_\_\_\_.

- A. Bringing the object close to the body, bending at the knees, and using the legs to stand up
- B. Holding the object away from the body and using the legs to stand up
- C. Holding the object away from the body, bending at the hips, and using the back to stand up
- D. Bringing the object close to the body, keeping the knees straight, and using the back to stand up

### 63.Weight shifting back and forth while moving a long levered tool to do household chores is \_\_\_\_\_.

- A. Less stressful on the back
- B. A good activity to strengthen leg, back, and abdominal muscles
- C. More energy efficient than using the arms
- D. All of the above

# 64. Which of the following is not a valid recommendation for foot care during pregnancy?

- A. Shoe size may change due to expansion of the foot
- B. Having a pedicure and soaking the feet in hot water helps provide relaxation
- C. Shoes with ridged crepe or rubber soles should be worn to help with traction
- D. Avoid wearing clogs, high heels, and shoes with leg or ankle straps

#### 65. Stretch marks are generally hereditary and are \_\_\_\_\_.

- A. Preventable with the use of special creams
- B. Also known as cholasma
- C. Not preventable but usually fade after delivery
- D. Caused by overstretching of the skin

## 66.Deep diaphragmatic breathing has been shown to help all of the following except \_\_\_\_\_.

- A. Toning the abdominal muscles
- B. Strengthening the gluteal muscles
- C. Improving blood flow
- D. Calming the nervous system

### 67.Diaphragmatic breathing stimulates the \_\_\_\_\_ which helps \_\_\_\_\_ the body during labor and delivery.

- A. Contraction of muscles; prepare
- B. Sympathetic nervous system; calm
- C. Parasympathetic nervous system; calm
- D. Central nervous system; relax

### 68.Belly breathing where the belly expands during inhalation and relaxes during exhalation is known as \_\_\_\_\_.

- A. Expansive belly breathing
- B. Passive belly breathing
- C. Contracted belly breathing
- D. Active belly breathing

#### 69.Exercises that immobilize the chest wall help develop \_\_\_\_\_.

- A. A decreased awareness of the diaphragm
- B. Stronger abdominal muscles
- C. Increased awareness of the diaphragm
- D. Stronger low back muscles

#### 70.To strengthen the diaphragm you should \_\_\_\_\_\_.

- A. Consciously breath deeply while standing
- B. Consciously breath deeply while performing exercises such side bends and twists
- C. Consciously breath deeply while stretching the arms overhead
- D. All of the above

### 71. Which of the following is not one of the five strategies for learning diaphragmatic breathing?

- A. Activate the muscles of the rib cage and back
- B. Find your natural rhythm
- C. Strengthen the diaphragm
- D. Increase activity in the chest wall

# 72. Which of the following is the correct technique for performing the water pitcher breathing exercise?

- A. Exhale, expanding the abdomen, the rib cage, and the chest; inhale with the chest falling first, the ribs contracting, and the abdomen pulling in
- B. Inhale, contracting the abdomen, lifting the rib cage and the chest; exhale expanding the abdomen, pull in the rib cage and dropping the chest
- C. Inhale, expanding the abdomen, the rib cage, and the chest; exhale pulling in the abdomen first, contracting the ribs and dropping the chest
- D. Inhale, expanding the abdomen, the rib cage, and the chest; exhale with the chest falling first, the ribs contracting, and the abdomen pulling in

#### 73. How much should the average pregnant woman gain?

- A. 45 55 lbs.
- B. 25 35 lbs.
- C. 10 15 lbs.
- D. 40 50 lbs.

# 74.A pregnant woman should eat approximately 150 additional calories per day in the first trimester and how many more calories per day in the second trimester?

- A. 350 cal/day
- B. 700 cal/day
- C. 550 cal/day
- D. 100 cal/day

#### 75.What is the only nutrient that fuels the growth of the baby?

- A. Breast milk
- B. Protein
- C. Glucose
- D. Prenatal vitamins

### 76. Hypoglycemia is likely to occur if the pregnant woman goes more than \_\_\_\_\_.

- A. 1 hour without eating
- B. 30 minutes without eating
- C. 4 hours without eating
- D. 8 hours without eating

### 77.To eat nutritiously, Berk advocates the 80/20 rule, which suggests that the pregnant woman \_\_\_\_\_

- A. Make healthy decisions 20% of the time and eat what she craves 80% of the time
- B. Eat 80% of her food in the morning and 20% in the evening
- C. Eat 20% of her food in the morning and 80% in the evening
- D. Eat 20% of what she craves and make healthy decisions 80% of the time

#### 78.A pregnant woman who participates in morning exercise should

- A. Skip eating breakfast and eat an early lunch
- B. Wait until midmorning to exercise so lunch can be eaten first
- C. Eat a full breakfast just before exercise
- D. Drink at least a glass of juice before exercise

#### 79.One way for the pregnant woman to avoid excessive weight gain is to

- A. Eat a nutritious breakfast
- B. Eat meals rapidly to fill up quickly
- C. Eat only the food she craves
- D. Eat only 2 snacks a day

### 80.According to the U.S. Food and Drug Administration, which type of food should be avoided during pregnancy?

- A. Hard cheese and cottage cheese
- B. Well done thoroughly cooked beef
- C. Shark, swordfish, king mackerel, and tilefish
- D. Canned fish or farm raised fish

#### 81.What happens to protein and calcium needs during pregnancy?

- A. They quadruple
- B. They remain unchanged
- C. They double
- D. They decrease

#### 82. The need for iron in pregnancy \_\_\_\_\_

- A. Decreases during the third trimester
- B. Increases during the third trimester
- C. Does not change
- D. Increases during the first trimester, then decreases

#### 83.Research supports \_\_\_\_\_\_ to be safe and beneficial in pregnancy.

- A. Maximal intensity exercise
- B. Moderate intensity exercise
- C. Walking only 2 days a week
- D. No exercise after the first trimester

#### 84. Why is swimming a beneficial exercise during pregnancy?

- A. Because the water conceals weight gain
- B. Because of the increased water temperature
- C. Because the buoyancy of the water is less stressful on joints
- D. Because exercise in water increases the heart rate

#### 85. During pregnancy how much does the metabolic rate increase?

- A. 60 70% at rest
- B. 10 12% at rest
- C. 15 20% at rest
- D. 30 35% at rest

### 86.Research has shown that women who exercise regularly while pregnant \_\_\_\_\_.

- A. Have less occurrence of lower back, leg, or pelvic discomfort than nonexercisers
- B. Gained less weight than non-exercisers
- C. Accumulated less fat than non-exercisers
- D. All of the above

### 87. The three factors that seem to influence a decrease in maternal discomforts include all of the following except \_\_\_\_\_.

- A. Exercising on a regular basis
- B. Eating a low calorie diet
- C. Performing weight bearing exercise
- D. Performing exercise sustained over time

## 88.Symptoms of overtraining include fatigue, pain, decreased motivation, increased susceptibility to injury, and \_\_\_\_\_.

- A. Confusion
- B. Decreased fatigue
- C. Dizziness
- D. Common infections

# 89.If a pregnant woman experiences shortness of breath and chest pain during exercise, she should \_\_\_\_\_.

- A. Rest for several days between exercise sessions
- B. Reduce the intensity of the exercise
- C. Stop exercising and seek medical attention
- D. Change her exercise program

### 90.Which of the following recreational or sports activities is not recommended for a pregnant woman?

- A. Walking
- B. Swimming
- C. Water skiing
- D. Stationary cycling

# 91.What measure of exercise intensity should be used after the first trimester?

- A. METs
- B. Rating of Perceived Exertion
- C. Karvonen formula
- D. Max Heart Rate formula

# 92.Practicing meditation is beneficial in helping a woman prepare for labor and delivery because \_\_\_\_\_.

- A. It helps a woman learn to control her body and emotions
- B. It helps decrease stress and nervousness
- C. It helps a woman learn to calm down and release the need to control
- D. Both B and C

### 93.To help with the feelings of low energy that occur early in pregnancy, a woman can \_\_\_\_\_\_.

- A. Exercise for short periods several times a day to conserve energy
- B. Eat large meals three times a day
- C. Eat refined sugars to raise the blood sugar level
- D. Eat foods that are fat free or very low in fat

### 94.During the second and third trimester pregnant women are advised not to do exercises lying flat on their back because \_\_\_\_\_.

- A. The growing uterus presses on the inferior vena cava reducing the amount of blood flow to the baby
- B. The growing uterus presses on the sciatic nerve and causes pain and discomfort
- C. The growing uterus presses on the aorta reducing the blood flow to the baby
- D. Exercising while lying flat shunts too much blood to the abdominal organs and not enough to the working muscles

#### 95.As pregnancy progresses, it is recommended that the diet consist of

- A. 50 60% carbs, 15 20% fat, and 25 35% protein
- B. 65 75% carbs, 10 15% fat, and 25 35% protein
- C. 55 75% carbs, 15 25% fat, and 10 35% protein
- D. 45 65% carbs, 20 35% fat, and 10 35% protein

#### 96.Fetal movements are best counted \_\_\_\_\_.

- A. Immediately after getting up in the morning
- B. Just before going to bed at night
- C. Right after eating lunch or dinner
- D. Immediately after completing an aerobic exercise session

## 97.What type of exercises will address back discomfort in the third trimester?

- A. Rounded cat stretch
- B. Frog pose
- C. Elevated leg stretch on wall
- D. All of the above

# 98.During the third trimester, if the size and weight of the baby make certain exercises uncomfortable, a woman may need to \_\_\_\_\_.

- A. Stop exercising completely
- B. Exercise seated in a chair
- C. Perform all exercises lying on the side
- D. Perform all exercises standing

## 99. All of the following exercises can be performed when normal labor is progressing except \_\_\_\_\_.

- A. Belly dance
- B. Wall assisted body stretch
- C. Shoulder stretch
- D. All of the above can be performed

### 100.When performing exercise after delivery, a lactating mom should drink \_\_\_\_\_.

- A. 8 ounces of water before and 2 ounces of water after exercise
- B. At least 12 ounces of water before exercise
- C. 16 ounces of water after exercise
- D. At least 8 ounces of water before and after exercise