Clock and Calendar
Solution

Answer.1(C) 2 Jan 2009

Answer.2(C) $\theta = \left|\frac{11M - 60H}{2}\right|$

$\theta = \left|\frac{11\times 30 - 60\times 9}{2}\right|$

$\theta = 105^0$

Answer.3(B)

Answer.4(D) 2018

Answer.5(C)

Answer.6(C)

Answer.7(B)

Answer.8(C) Friday

Answer.9(B) $\theta = \left|\frac{11M - 60H}{2}\right|$

$= \left|\frac{11\times 20 - 60\times 2}{2}\right|$

$= 100^0$

Answer.10(B)

Answer.11(B) Friday

Answer.12(A) Friday

Answer.13(D)

Answer.14(B)

Answer.15(A) f 8th June is Friday, 30th June will be Saturday. Since July is a month of 31 days, 31st July will be Tuesday and similarly 31st August will be Friday. Since September is a month of 30 days, 30th September will be Sunday while 31st October will be Wednesday. Then, 30th November will be Friday and consequently, 6th December will be Thursday in the same year.

Answer.16(A) Ishita's birthday is after 10th December but before 12th December. Thus, her birthday is on 11th December.

Answer.17(B) $\theta = \left|\frac{11M - 60H}{2}\right|$

$= \left|\frac{11\times 10 - 60\times 3}{2}\right| = 35^0$

Answer.18(B)

Answer.19(B)

Answer.20(C) $\Theta = \left|\frac{11M - 60H}{20}\right|$

$\Theta = \left|\frac{11\times 35 - 60\times 7}{2}\right|$

$\Theta = 17.5^o$